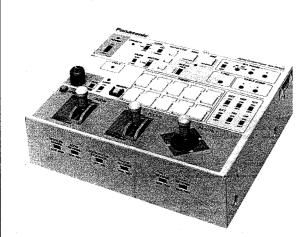
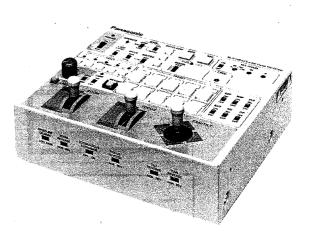
**ORDER NO. BSD9803029C8** 

# Service Manu

Hyblid Control Panel / Multi Hyblid Control Panel AW-RP501/AW-RP505







**AW-RP505** 

### SPECIFICATIONS

[AW-RP501]

Source Voltage:

12 V DC (DC jack)

**Power Consumption:** 

12V, 0.7A

Video Input: Genlock Input: 1.0 V[p-p] composite/75Ω (BNC connector)

black burst

**Video Output:** 

75  $\Omega$  loop through with auto terminator (BNC connector)

1.0 V[p-p] composite/75 Ω x 2 (BNC connector)

S-video Output:

**Genlock Output:** 

Y:  $0.7 \text{ V[p-p]} (75 \Omega)$ C: 0.3 V[p-p] burst level chrominance/75  $\Omega$  (S-VIDEO connector)

75  $\Omega$  (BNC connector)

Camera Control Output:

Control signal (BNC connector)

Pan/tilt Control Output: System Tally Input:

Control signal (RJ-45 8P modular jack) Tally signal (2 pin Terminal block)

**Auxiliary Control Input:** Switches:

Control signal (8 pin DIN connector)

Power ON/OFF Switch, GAIN HIGH/MID/LOW Switch, GAIN AGC/MANU Switch,

MODE BAR/CAM switch SHUTTER Switch, AUTO/ATW ATW switch, AUTO/ATW A switch,

AUTO/ATW B switch, AWC Switch, ABC Switch, G/L PHASE ON/OFF Switch,

G/L PHASE Coarse Switch, IRIS AUTO/MANU Switch, MEMORY Switch, PRESET Switch, DEF Switch, WIP Switch, H/F Switch, EXT Switch, ND Switch, OP Switch, SPEED Switch, SPEED SW CHANGE Switch, ZOOM REVERSE Switch, ZOOM/FOCUS EXCHANGE Switch,

CABLE COMP C Control, IRIS LEVEL Control, ZOOM Lever, FOCUS Lever, PAN/TILT Lever

FOCUS REVERSE Switch, TILT REVERSE Switch, PAN REVERSE Switch T. PED Control, G/L PHASE SC Control, G/L PHASE H Control, CABLE COMP Y Control,

Pan/tilt Head Connecting

Cable:

Controls:

Maximum cable length:

Operating temperature:

**Dimensions:** Weight:

x 4 (Coaxial Cable 3 pcs., 10BASE-T straight cable 1 pc.)(In case of using G/L function) 500 m (In case of using coaxial cables 5C-2V and 10BASE-T cable UTP category-5) -10°C to +45°C (14°F to +113°F)

210 (W) x 88 (H) x 177 (D) mm [8-1/4" (W) x 3-1/2" (H) x 7" (D)]

2.2 kg (4.9 lbs.) Finish: AV Ivory painting

# **Panasonic**

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### **⚠ WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the

It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.

Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.





This symbol warns the user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this unit.



This symbol alerts the user that important literature concerning the operation and maintenance of this has been included. Therefore, it should be read carefully in order to avoid

### IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are indicated by the "A" mark on the schematic diagram and the replacement parts list. It is essential that these critical parts should be repleced with manufacturer's specified parts to prevent shock, fire, or other hazards Do not modify the original design without permission of manufacture.

### [AW-RP505]

Source Voltage: 12 V DC (DC jack)

**Power Consumption:** 12 V, 0.5 A **Preview Video Input:** 1.0 V[p-p] composite/75Ω (BNC connector)

Genlock Input: black burst

75 $\Omega$  loop through with auto terminator (BNC connector)

**Preview Video Output:** 1.0 V[p-p] composite/75Ω (BNC connector)

**Genlock Output:** 75 $\Omega$  (BNC connector)

Camera Control Output: Control signal (BNC connector)

Pan/tilt Control Output: Control signal (RJ-45 8P modular jack) **System Tally Input:** Tally signal (6 pin Terminal block) **Auxiliary Control Input:** Control signal (8 pin DIN connector)

Switches: Power ON/OFF Switch, CAM CONT Switch, GAIN HIGH/MID/LOW Switch,

GAIN AGC/MANU Switch, SCENE FILE Switch, CONTROL Switch, LAMP Switch,

MODE BAR/CAM Switch SHUTTER Switch, AUTO/ATW ATW Switch, AUTO/ATW A Switch,

AUTO/ATW B Switch, AWC Switch, ABC Switch, G/L PHASE ON/OFF Switch,

G/L PHASE Coarse Switch, IRIS AUTO/MANU Switch, MEMORY Switch, PRESET Switch, DEF Switch, WIP Switch, H/F Switch, EXT Switch, ND Switch, OP Switch, SPEED Switch, T. PED Control, G/L PHASE SC Control, G/L PHASE H Control, IRIS LEVEL Control,

ZOOM Lever, FOCUS Lever, PAN/TILT Lever

**Multiport Hub Connecting** 

Controls:

Cable: x 4 (Coaxial Cable 3 pcs., 10BASE-T straight cable 1 pc.)(In case of using G/L function)

Maximum cable length: 10 m (In case of using coaxial cables 5C-2V and 10BASE-T straight cable UTP category-5)

Operating temperature: -10°C to +45°C (14°F to +113°F)

Dimensions: 210 (W) x 88 (H) x 177 (D) mm [8-1/4" (W) x 3-1/2" (H) x 7" (D)]

Weight: 2.2 kg (4.9 lbs.) Finish: AV Ivory painting

Weight and dimensions indicated are approximate. Specifications are subject to change without notice.

### **ACCESSORIES**

Seal 1	Mounting screws12	2
Rack angle2		
Connect plate 1		Ļ

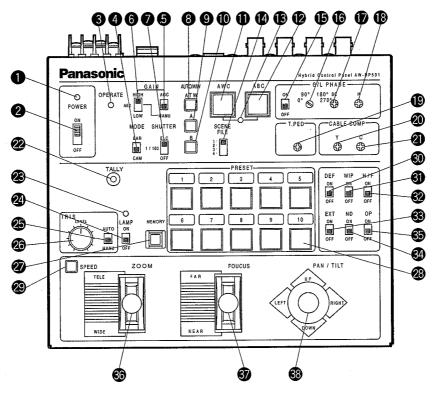
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# MAJOR OPERATING CONTROLS AND THEIR FUNCTIONS

### **AW-RP501**

### ■ Control Panel



### Power Indicator [POWER]

Lights red when POWER ON/OFF Switch 2 is in the ON position, and goes out when the same switch is set to the OFF position.

### Power Control Switch [POWER, ON/OFF]

The camera and pan/tilt head are switched on when this switch is set to the ON position. (The power indicator lights.) The camera and pan/tilt head are partially switched off when this switch is set to the OFF position.

Note: When the switch is set to the OFF position, the camera is totally switched off but the communication line between the pan/tilt head and this control panel remains live. To disconnect all power supply, pull out the power plug from the electrical outlet.

### Operating Indicator [OPERATE]

Lights green when communication begins normally between the camera and the control panel, and goes out if a communication error occurs.

### Mode Selection Switch [MODE, BAR/CAM]

Used to select camera color bar signals or camera video signals. With the switch set to BAR, the control panel outputs color bar signals from the video output terminal. When the switch is set to CAM, it outputs camera video signals.

### **3** AGC Selection Switch [GAIN, AGC/MANU]

Keep this switch in the AGC position if you want to keep automatic gain control. When this switch is at AGC, GAIN H/M/L Switch 6 is invalid.

# 6 High Gain Selection Switch [GAIN,HIGH/MID/LOW]

This switch is valid only when GAIN AGC/MANU Switch is in the MANU position. Normally, keep it in the LOW position. When the camera is used in a dark place or when video output level is not high enough even if the iris is wide open, set the switch to the MID or HIGH position.

# **● Electronic Shutter Speed Selection Switch**[SHUTTER, ELC/ 1/100 /OFF]

Used to select a mode of camera electronic shutter control. With the switch in the ELC position, the electronic shutter is controlled and the camera sensitivity is automatically adjusted when using the camera in a bright place. The shutter speed is 1/100 second when the switch is in the 1/100 position. The electronic shutter is off when the switch is in the OFF position.

# **3** White Balance ATW Selection Switch [AUTO/ATW, ATW]

When the switch is depressed, the camera keeps automatically adjusting white balance. The switch lights when it is selected.

### White Balance Ach Selection Switch [AUTO/ATW, A]

When this switch is depressed, white balance will be as stored in Channel A of the camera. The switch lights when it is selected. When AWC Switch • is pressed after selecting AUTO/ATW, A, white balance is automatically adjusted and stored in Channel A.

### White Balance Bch Selection Switch [AUTO/ATW, B]

When this switch is depressed, white balance will be as stored in Channel B of the camera. The switch lights when it is selected. When AWC Switch • is pressed after selecting AUTO/ATW, B, white balance is automatically adjusted and stored in Channel B.

### Auto White Start Switch [AWC]

If this switch is pressed when AUTO/ATW A Switch or AUTO/ATW B Switch is selected, white balance is automatically adjusted. The adjustment results are stored in Channel A or B. This switch is invalid if the MODE BAR/CAM Switch is in the BAR position.

Auto Set Indicator (8) flashes while AWC is in operation, and goes out when white balance has been properly adjusted. Auto Set Indicator (8) remains lit if white balance adjustment fails.

**Note:** White balance may not be adjustable if there is no white in the image being taken by the camera. For details, refer to the Operating Instructions for the Camera.

### Auto Black Start Switch [ABC]

When this switch is depressed, the lens iris is automatically closed to set black balance. Be sure to keep the IRIS AUTO/MANU Switch in the AUTO position in setting black balance. Auto Set Indicator flashes while ABC is in operation, and goes out when black balance has been properly adjusted. Auto Set Indicator remains lit if black balance adjustment fails. Black balance adjustment may fail if the total pedestal is too low. In such a case, adjust the total pedestal with T.PED Control flashers (referring to the OPERATING PROCEDURES at page 25) and try to adjust black balance again.

### Auto Set Indicator

This LED flashes during white balance or black balance adjustment with AWC Switch or ABC Switch depressed, and goes out when the adjustment has ended normally. The LED remains lit if balance adjustment fails.

### Scene File Selection Switch [SCENE FILE, 1/2/3/4]

Select a scene file preset on the camera side. Remember, however, that [4] is camera scene file USER A or USER B (provided that WV-E550 or AW-E560 is connected).

# Genlock Phase Control Switch [G/L PHASE, ON/OFF]

Used to adjust the genlock phase in operating the camera in external sync mode. Set the switch to the ON position only when adjusting the genlock subcarrier phase or genlock horizontal phase. Otherwise, keep the switch in the OFF position.

# Genlock Subcarrier Phase Coarse Switch [G/L PHASE, 0°/90°/180°/270°]

Used for coarse adjustment of the color phases of genlock input and video output signals in operating the camera in external sync mode. Used in combination with G/L PHASE SC Control **(1)**, the switch has an adjustment range of over 360°. Set G/L PHASE ON/OFF Switch **(3)** to the ON position before adjusting the color phases with this switch.

# Genlock Subcarrier Phase Fine Control [G/L PHASE, SC]

Used for fine adjustment of the color phases of genlock input and video output signals in operating the camera in external sync mode. Use this switch in combination with G/L PHASE Coarse Switch ①. Set G/L PHASE ON/OFF Switch ① to the ON position before adjusting the color phases with this switch.

### G/L Horizontal Phase Adjustment Control [G/L PHASE, H]

Used to adjust the horizontal phases of genlock input and video output signals in operating the camera in external sync mode. Set G/L PHASE ON/OFF Switch to the ON position before adjusting the horizontal phases with this switch.

### Total Pedestal Level Control [T. PED]

The set pedestal level of the camera's Y (luminance) signal can be adjusted. This control is used in a system of two or more cameras to adjust the pedestal levels of these cameras. The control may operate not continuous sometimes due to digital signal processing.

# ② Cable Compensation Luminance Control [CABLE COMP, Y]

Used to adjust the Y (luminance) signal level of video output signals as appropriate to the cable length between the pan/tilt head and this control panel. To adjust it, first set MODE BAR/CAM Switch 4 to the BAR position, then connect a waveform monitor, vectorscope, or other measuring instrument to the video signal output. If the cable between the pan/tilt head and this control panel is longer than 300 meters, set the cable compensation switch on the pan/tilt head to the ON position in advance. (For details, refer to the OPERATING PROCEDURES at page 25 or to the Operating Instructions for the Pan/tilt Head.) First, adjust the Y (luminance) signal level with this control, then adjust the C (chrominance) signal level with CABLE COMP C Control 2. Repeat this until the video output level of this control panel matches the camera

Turning this control changes not only the Y (luminance) signal level but also the whole video signal level.

# Cable Compensation Chrominance Control [CABLE COMP, C]

Used to adjust the C (chrominance) signal level of video output signals as appropriate to the cable length between the pan/tilt head and this control panel. To adjust it, first set MODE BAR/CAM Switch 4 to the BAR position, then connect a waveform monitor, vectorscope, or other measuring instrument to the video signal output. If the cable between the pan/tilt head and this control panel is longer than 300 meters, set the cable compensation switch on the rotary head to the ON position in advance. (For details, refer to the OPERAT-ING PROCEDURES at page 25 or to the Operating Instructions for the Pan/ Tilt Head.) First, adjust the Y (luminance) signal level with CABLE COMP Y Control (chrominance) signal level with this control. Repeat this until the video output level of this control panel matches the camera output level.

### Tally Indicator [TALLY]

Lights red when a tally signal is input to TALLY Terminal from a Special Effect Generator (SEG) or video switcher.

### Lamp Indicator [LAMP]

Lights red when LAMP ON/OFF Switch ② is in the ON position. Flashes if the lamp connected to the AC Adapter (AW-PS300) for pan/tilt head is broken. Goes out when LAMP ON/OFF Switch ② is set to the OFF position.

Note: Use a halogen lamp of 250 W to 500 W to connect to the Pan/tilt Head AC Adapter (AW-PS300). If a lamp of lower than 250 W is connected to it, the LED may flash when LAMP ON/OFF Switch (2) is in the ON position even though the lamp is not broken.

### Lamp Switch [LAMP, ON/OFF]

Switches on and off the halogen lamp connected to the lamp AC receptacle of the Pan/tilt Head AC Adapter (AW-PS300). Set it to the ON position to switch the halogen lamp on (in which case, the lamp LED flashes). Set it to the OFF position to switch the halogen lamp off.

### Lens Iris Selection Switch [IRIS, AUTO/MANU]

When this switch is in the AUTO position, the lens iris is automatically controlled according to the quantity of light entering the lens. When the switch is in the MANU position, the iris can be manually controlled over the range from the closed position to the fully open position using IRIS LEVEL Control .

Set the switch to the MANU position in storing iris data in PRESET Switches with MEMORY Switch . If the switch is in the AUTO position, iris data will not be stored in the memory.

### Lens Iris Control [IRIS, LEVEL]

When IRIS AUTO/MANU Switch (3) is in the MANU position, the iris can be controlled over the range from the closed position to the fully open position using this control. Turning it clockwise opens the iris and turning it counterclockwise closes the iris.

If the camera is preset to AUTO IRIS ADJ ON when IRIS AUTO/MANU Switch is in the AUTO position, this control may be used for fine adjustment of ALC focus level. For details, refer to the Operating Instructions for the Camera.

If the preset memory is called by pressing PRESET Switches when IRIS AUTO/MANU Switch is in the MANU position, the iris is adjusted to the preset value stored in the memory regardless of the position of this control. If the control is turned after that, the iris is adjusted corresponding to the position of the control.

### Preset Memory Switch [MEMORY]

Head pan/tilt positions, lens zoom/focus/iris (provided that IRIS AUTO/MANU Switch (26) is in the MANU position), and camera white balance (ATW Channel A or B) can be preset in up to 10 memory buttons.

To preset them in these buttons, first select a head pan/tilt position, lens zoom/focus/iris, or camera white balance (ATW or Channel A or B); press MEMORY Switch (%) (so it lights yellow green and all the 10 buttons of PRESET Switches (%) flash); while keeping the MEMORY Switch (%) depressed, press one of the 10 buttons of PRESET Switch (%) as desired. The pressed button in which the selected item is stored lights.

### Preset Position Selection Switches [PRESET]

The head pan/tilt positions, lens zoom/focus/iris, and camera white balance that are stored in the buttons of PRESET Switch ② can be recalled to operate the pan/tilt head, the lens, and the camera according to the preset data.

To preset them in the PRESET switches, first select a head pan/tilt position, lens zoom/focus/iris, or camera white balance (ATW or Channel A or B); press the MEMORY Switch (so it lights yellow green and all the 10 buttons of PRESET Switches (flash); at the same time press one of the 10 buttons of PRESET Switches as desired. The pressed button in which the selected item is stored lights.

### Speed Selection Switch [SPEED]

If ZOOM lever , FOCUS Lever , or PAN/TILT Lever is moved while keeping SPEED Switch depressed, the corresponding operation takes place at low speed, provided that SPEED SW CHANGE Switch is in the LOW position. If one of these levers is moved with SPEED Switch depressed when SPEED SW CHANGE Switch is in the HIGH position, the corresponding operation takes place at high speed. SPEED Switch remains lit while it is kept depressed.

### Defroster Switch [DEF, ON/OFF]

If this switch is connected to a pan/tilt head with a builtin defroster function, it switches on and off the defroster.

### Wiper Switch [WIP, ON/OFF]

If this switch is connected to a pan/tilt head with a builtin wiper function, it switches on and off the wiper.

### Heater/Fan Switch [H/F, ON/OFF]

If this switch is connected to a pan/tilt head with a builtin heater or fan function, it switches on and off the heater or fan.

### Lens Extender Switch [EXT, ON/OFF]

If this switch is connected to a lens with a built-in extender function, it switches on and off the lens extender. For details, refer to the Operating Instructions for the Lenses and Pan/tilt Head.

### MD Filter Switch [ND, ON/OFF]

If this switch is connected to a lens with a built-in ND filter function, it switches on and off the ND filter. For details, refer to the Operating Instructions for the Lenses and Pan/tilt Head.

### Option Switch [OP, ON/OFF]

Controls the option switch terminal on the Pan/tilt Head AC Adapter (AW-PS300) to short circuit or open it. That is, the option switch terminal is shorted when OP ON/OFF Switch is in the ON position, or is opened when it is in the OFF position. For details, refer to the Operating Instructions for the Pan/tilt Head AC Adapter.

### 3 Zoom Lever [ZOOM, TELE/WIDE]

Controls the lens zoom. Zoom speed varies according to the angle of the lever. The lens moves toward TELE when the lever is moved toward TELE, or toward WIDE when the lever is moved toward WIDE, provided that ZOOM REVERSE Switch is in the NOR position. When ZOOM REVERSE Switch is set to the REV position, the lens moves in the opposite direction. ZOOM/FOCUS EXCHANGE Switch may be used to exchange its function with FOCUS Lever .

### Focus Lever [FOCUS FAR/NEAR]

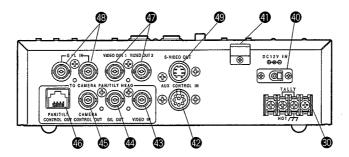
Used to adjust the lens focus at varying speed depending on the angle of the lever. The lens is focused far when the lever is moved toward FAR, or near when the lever is moved toward NEAR, provided that FOCUS REVERSE Switch is in the NOR position. When FOCUS REVERSE Switch is set to the REV position, the lens focus operates in the opposite direction. ZOOM/FOCUS EXCHANGE Switch may be used to exchange its function with ZOOM Lever.

### Pan/tilt Lever [PAN/TILT, UP/DOWN/LEFT/RIGHT]

Controls the head's pan/tilt operation at varying speed depending on the angle of the lever. The pan/tilt head turns up when the lever is moved toward UP, or down when it is moved toward DOWN, provided that TILT REVERSE Switch is in the NOR position. The pan/tilt head moves in the opposite direction if the TILT REVERSE Switch is in the REV position. The pan/tilt head turns leftward when the lever is moved toward LEFT, or rightward when it is moved toward RIGHT, provided that PAN REVERSE Switch is in the NOR position. The pan/tilt head moves in the opposite direction if the PAN REVERSE Switch is in the REV position.

Note: TILT REVERSE Switch and PAN REVERSE Switch may be used to reverse the operating direction of the pan/tilt head, but be sure to set the operating direction of the pan/tilt head with its mounting direction selection switch during its installation depending on whether the pan/tilt head is mounted on the floor or is suspended. Unless the mounting direction selection switch on the pan/tilt head is properly set, the pan/tilt head will pan or tilt in the opposite direction and the pan/tilt head operation limiters will not be properly stored in the memory. For details on the setting of this switch, refer to INSTALLATION OF PAN/TILT HEAD at page 18 or the Operating Instructions for the Pan/tilt Head.

### **■ REAR PANEL**



### TALLY Input Terminal [TALLY] (2-pin Terminal Board)

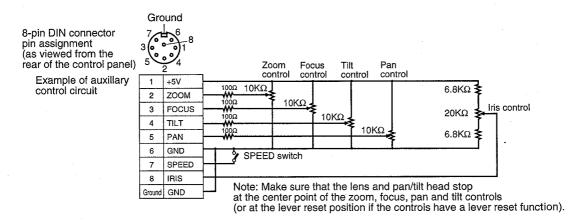
Connect it to the tally connector on a special effect generator (SEG) or a video switcher, for example. When [HOT] terminal falls to ground level, TALLY Indicator and the tally indicator on the Pan/tilt Head (AW-PH300) light red.

- 12V DC Input Connector [DC 12V IN] (DC Jack)
  Connect the AC Adaptor AW-PS301 (optional).
- ① Cord Clamp (Clamper)
  Clamps the DC cord of the AC Adapter AW-PS301
  (optional) connected to DC 12V IN Connector ② to prevent its disconnection.

### Auxiliary Control Input Connector [AUX CONTROL IN] (8-pin DIN Connector)

External control signals are input to this connector in controlling the head's pan/tilt, lens zoom, focus and iris operations.

Note: In externally controlling the pan/tilt head and lens through this connector, set IRIS LEVEL Control on this control panel to the center point (straight up), and do not simultaneously operate SPEED Switch 20, ZOOM Lever 30, FOCUS Lever 37, and PAN/TILT Lever 39. Operation errors may occur if external controls are simultaneously used.



### VIDEO Input T Connector [TO CAMERA PAN/TILT HEAD, VIDEO IN] (BNC Connector)

Connect it to the video output connector [VIDEO OUT] on the pan/tilt head with a coaxial cable (5C-2V or equivalent), which may be extended up to 500 meters.

### Genlock Output Connector [TO CAMERA PAN/TILT HEAD, G/L OUT] (BNC Connector)

Connect it to the G/L input connector [G/L IN] on the pan/tilt head with a coaxial cable (5C-2V or equivalent) in operating the camera in external sync mode. The cable can be extended up to 500 meters.

## © Camera Control Output Connector [TO CAMERA, PAN/TILT HEAD CAMERA CONTROL OUT] (BNC Connector)

Connect it to camera control input connector [CAMERA CONTROL IN] on the pan/tilt head with a coaxial cable (5C-2V or equivalent), which may be extended up to 500 meters.

# Pan/tilt Control Output Connector [TO CAMERA PAN/TILT HEAD, PAN/TILT CONTROL OUT] (RJ-45 8-pin Modular Jack)

Connect it to pan/tilt control output connector [P/T CONTROL IN] on the pan/tilt head with a 10BASE-T straight cable (UTP category 5 or equivalent), which may be extended up to 500 meters.

### Video Output Connectors [VIDEO OUT 1, VIDEO OUT 2] (BNC Connector)

Video signals adjusted by the cable compensation circuit according to the cable length from the rotary head to the control panel are output. There are two output connectors to be connected to a monitor, special effect generator (SEG), VCR, or other video input devices with coaxial cables.

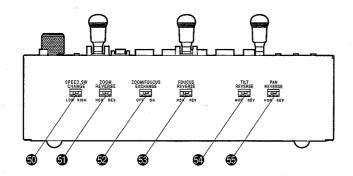
### Genlock Input Connectors [G/L IN] (BNC Connector)

Black burst signals are input to one of the two connectors in operating the camera in external sync mode. The two connectors are automatically terminated, so input the above signals to one of them and use the other as a loop-through output.

### S-Video Output Connector [S-VIDEO OUT] (4-pin S-Connector)

Y (luminance) and C (chrominance) signals are output. Connect it to the S-video input on a monitor or S-VHS VCR, for example.

### ■ Front Panel



### Speed Switch Changing Switch [SPEED SW CHANGE, LOW/HIGH]

Changes the polarity of SPEED Switch ②. If ZOOM lever ③, FOCUS Lever ③, or PAN/TILT Lever ③ is moved while keeping SPEED Switch ② depressed, the corresponding operation takes place at low speed, provided that SPEED SW CHANGE Switch ⑤ is in the LOW position. If one of these levers is moved with SPEED Switch ② depressed when SPEED SW CHANGE Switch ⑥ is in the HIGH position, the corresponding operation takes place at high speed.

The speed polarity can also be changed by pressing SPEED Switch while keeping MEMORY Switch depressed. When this step is taken again, the original speed polarity is restored. Take this step if it is difficult to shift SPEED SW CHANGE Switch because this control panel is mounted on a console or the like.

# 3 Zoom Reverse Switch [ZOOM REVERSE, NORM/REV]

Changes the operating direction of ZOOM Lever ⑤. The lens zoom moves toward TELE when ZOOM Lever ⑥ is moved toward TELE, or toward WIDE when it is moved toward WIDE, provided that ZOOM REVERSE Switch ⑤ is in the NOR position. When ZOOM REVERSE Switch ⑥ is set to the REV position, lens zoom operation takes place in the opposite direction. With ZOOM REVERSE Switch ⑥ in the REV position, the operating directions shown on the panel are reversed. In this case, paste the supplied seal on the panel.

### Zoom/Focus Exchange Switch (ZOOM/FOCUS EXCHANGE, ON/OFF)

ZOOM Lever ③ and FOCUS Lever ② exchange their function between them when this switch is set to the ON position. Unless this exchange is needed, keep the switch in the OFF position.

With ZOOM/FOCUS EXCHANGE Switch position, the operations shown on the panel do not agree with the indications on the panel. In this case, paste the supplied seal on the panel.

### Focus Reverse Switch [FOCUS REVERSE, NOR/REV]

Changes the operating direction of FOCUS Lever ③. The lens is focused far when FOCUS Lever ③ is moved toward FAR, or near when the lever is moved toward NEAR, provided that FOCUS REVERSE Switch ⑤ is in the NOR position. When FOCUS REVERSE Switch ⑥ is set to the REV position, the lens focus operates in the opposite direction.

With FOCUS REVERSE Switch in the REV position, the operating directions shown on the panel are opposite to the indications on the panel. In this case, paste the supplied seal on the panel.

# Tilt Reverse Switch [TILT REVERSE, NOR/REV]

Changes the tilt direction controlled by PAN/TILT Lever . The pan/tilt head turns up when PAN/TILT Lever is moved toward UP, or down when it is moved toward DOWN, provided that TILT REVERSE Switch is in the NOR position. The pan/tilt head moves in the opposite direction if the TILT REVERSE Switch is in the REV position.

With TILT REVERSE Switch in the REV position, the operating directions shown on the panel are opposite to the indications on the panel. In this case, paste the supplied seal on the panel.

### Pan Reverse Switch [PAN REVERSE, NOR/REV]

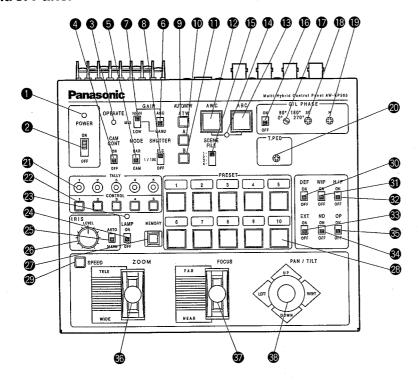
Changes the pan direction controlled by PAN/TILT Lever ③. The pan/tilt head turns leftward when PAN/TILT Lever ③ is moved toward LEFT, or rightward if it moved toward RIGHT. The rotary head turns in the opposite direction if the PAN REVERSE Switch ⑤ is in the REV position, provided that PAN REVERSE Switch ⑤ is in the NOR position. When PAN REVERSE Switch ⑤ is set to the REV position, the pan/tilt head turns in the opposite directions.

With PAN REVERSE Switch in the REV position, the operating directions shown on the panel are opposite to the indications on the panel. In this case, paste the supplied seal on the panel.

Note: TILT REVERSE Switch and PAN REVERSE Switch may be used to reverse the operating direction of the pan/tilt head, but be sure to set the operating direction of the pan/tilt head with its mounting direction selection switch during its installation depending on whether the pan/tilt head is mounted on the floor or is suspended. Unless the mounting direction selection switch on the pan/tilt head is properly set, the pan/tilt head will pan or tilt in the opposite direction and the pan/tilt head operation limiters will not be properly stored in the memory. For details on the setting of this switch, refer to the INSTALLATION OF PAN/TILT HEAD in the Operating Instructions for the Pan/tilt Head.

### **AW-RP505**

### Control Panel



Note: To control the cameras and pan/tilt head, the power switch on the Multiport Hub must be in the ON position.

Only the camera and pan/tilt head selected with CONTROL Switch @ can be set and controlled. First, select a camera with CONTROL Switch @ set CAM CONT Switch @ to the ON position, and make the necessary settings. After setting the camera, set CAM CONT Switch @ back to the OFF position.

### Power Indicator [POWER]

Lights red when POWER ON/OFF Switch ② is in the ON position, and goes out when the same switch is set to the OFF position.

### Power CONTROL Switch [POWER, ON/OFF]

All the connected cameras and pan/tilt heads are switched on when this switch is set to the ON position. (The power indicator lights.) The camera and pan/tilt head are partially switched off when this switch is set to the OFF position.

Note: When the switch is set to the OFF position, the camera is totally switched off but the communication line between the pan/tilt head and this control panel remains live. To disconnect all power supply, pull out the power plug from the electrical outlet.

### Operating Indicator [OPERATE]

Lights green when communication begins normally between the camera and the control panel, and goes out if a communication error occurs.

### Camera Control Switch [CAM CONT, ON/OFF]

Before making camera settings, select a camera with CONTROL Switch then set CAM CONT Switch to the ON position. After making the necessary settings, set CAM CON Switch back to the OFF position.

Note: At the same time as CAM CONT Switch 4 is set to the ON position, all the switch settings of this control panel are sent to the selected camera to update its settings. Do not shift CAM CONT Switch 4 to the ON position except when changing the camera settings. If a different camera is selected with CONTROL Switch 2 when CAM CONT Switch 4 is in the ON position, the settings of the newly selected camera will also be changed. Before selecting another camera with CONTROL Switch 2, be sure to set CAM CONT Switch 4 back to the OFF position.

### Mode Selection Switch [MODE, BAR/CAM]

Used to select camera color bar signals or camera video signals. Select a camera with CONTROL Switch , set CAM CONT Switch to the ON position, then select the desired type of signal with this switch. With the switch set to BAR, the control panel outputs color bar signals from the video output terminal. When the switch is set to CAM, it outputs camera video signals. After selecting it, set CAM CONT Switch back to the OFF position.

### 6 AGC Selection Switch [GAIN, AGC/MANU]

Keep this switch in the AGC position if you want to keep automatic gain control. Select a camera with CONTROL Switch ②, set CAM CONT Switch ④ to the ON position, then select AGC or MANU as necessary.

When this switch is at AGC GAIN H/M/L switch is invalid. After selecting it, set CAM CONT Switch back to the OFF position.

### **⑦** Gain Selection Switch [GAIN, HIGH/MID/LOW]

This switch is valid only when GAIN AGC/MANU Switch is in the MANU position. Select a camera with CONTROL Switch , set CAM CONT Switch to the ON position, then select HIGH, MID, or LOW. Normally, keep it in the LOW position. When the camera is used in a dark place or when video output level is not high enough even if the iris is wide open, set the switch to the MID or HIGH position. After selecting it, set CAM CONT Switch back to the OFF position.

### S Electronic Shutter Speed Selection Switch [SHUTTER, ELC/ 1/100 /OFF]

Used to select a mode of camera electronic shutter control. Select a camera with CONTROL Switch , set CAM CONT Switch to the ON position, then select ELC, 1/100, or OFF. With the switch in the ELC position, the electronic shutter is controlled and the camera sensitivity is automatically adjusted when using the camera in a bright place. The shutter speed is 1/100 second when the switch is in the 1/100 position. The electronic shutter is off when the switch is in the OFF position. After selecting it, set CAM CONT Switch back to the OFF position.

### White Balance ATW Selection Switch [AUTO/ATW, ATW]

When this switch is depressed, the camera selected with CONTROL Switch 20 keeps automatically adjusting white balance. The switch lights when it is selected.

### White Balance Ach Selection Switch [AUTO/ATW, A]

When this switch is pressed, white balance will be as stored in Channel A of the camera selected with CONTROL Switch . The switch lights when it is selected. When AWC switch is pressed after selecting AUTO/ATW, A, white balance is automatically adjusted and stored in Channel A.

### White Balance Bch Selection Switch [AUTO/ATW, B]

When this switch is depressed, white balance will be as stored in Channel B of the camera selected with CONTROL Switch . The switch lights when it is selected. When AWC switch is pressed after selecting AUTO/ATW, B, white balance is automatically adjusted and stored in Channel B.

### Auto White Start Switch [AWC]

If this switch is pressed when AUTO/ATW A Switch or AUTO/ATW B Switch is selected, white balance is automatically adjusted on the camera selected with CONTROL Switch . The adjustment results are stored in Channel A or B. This switch is invalid if the MODE BAR/CAM switch is in the BAR position. Auto Set Indicator flashes while AWC is in operation, and goes out when white balance has been properly adjusted. Auto Set Indicator remains lit if white balance adjustment fails.

Note: White balance may not be adjustable if there is no white in the image being taken by the camera. For details, refer to the Operating Instructions for the Camera.

### Auto Black Start Switch [ABC]

When this switch is depressed, the lens iris is automatically closed to set black balance on the camera selected with CONTROL Switch . Be sure to keep the IRIS AUTO/MANU switch in the AUTO position in setting black balance. Auto Set Indicator flashes while ABC is in operation, and goes out when black balance has been properly adjusted. Auto Set Indicator remains lit if black balance adjustment fails. Black balance adjustment may fail if the total pedestal is too low. In such a case, adjust the total pedestal with T.PED Control .

### Auto Set Indicator

This LED flashes during white balance or black balance adjustment with AWC Switch ② or ABC Switch ③ depressed, and goes out when the adjustment has ended normally. The LED remains lit if balance adjustment fails.

# Scene File Selection Switch [SCENE FILE, 1/2/3/4]

Select a scene file preset on the camera side. Remember, however, that [4] is camera scene file USER A or USER B (provided that or AW-E560 is connected).

### Genlock Phase Control Switch [G/L PHASE, ON/OFF]

Used to adjust the genlock phase in operating the camera in external sync mode. Select a camera with CONTROL Switch , set CAM CONT Switch to the ON position, then set G/L PHASE Switch to the ON position. After G/L phase setting, set CAM CONT Switch and G/L PHASE Switch back to the OFF position.

Note: If G/L PHASE Switch (6) is set to the ON position when CAM CONT Switch (4) is at ON, the genlock phase setting data of this control panel is sent to the camera to update its genlock phase settings.

Do not shift G/L PHASE Switch to the ON position except when changing the camera genlock phase settings. If a different camera is selected with CONTROL Switch when both CAM CONT Switch and G/L PHASE Switch are in the ON position, the genlock phase settings of the newly selected camera will be similarly changed. Before changing the camera for another, set G/L PHASE Switch back to the OFF position.

# Genlock Subcarrier Phase Coarse Switch [G/L PHASE, 0°/90°/180°/270°]

Used for coarse adjustment of the color phases of genlock input and video output signals in operating the camera in external sync mode.

Used in combination with G/L PHASE SC Control (18), the switch has an adjustment range of over 360°. Before making an adjustment, set CAM CONT Switch (14) and G/L PHASE Switch (16) to the ON position. After the adjustment, set both CAM CONT Switch (14) and G/L PHASE Switch (16) back to the OFF position.

# Genlock Subcarrier Phase Fine Control [G/L PHASE, SC]

Used for fine adjustment of the color phases of genlock input and video output signals in operating the camera in external sync mode. Use this switch in combination with G/L PHASE Coarse Switch . Before making an adjustment, set CAM CONT Switch and G/L PHASE Switch to the ON position. After the adjustment, set both CAM CONT Switch and G/L PHASE Switch back to the OFF position.

### G/L Horizontal Phase Adjustment Control [G/L PHASE, H]

Used to adjust the horizontal phases of genlock input and video output signals in operating the camera in external sync mode.

Before making a horizontal phase adjustment, set CAM CONT Switch 4 and G/L PHASE Switch 6 to the ON position.

### Total Pedestal Level Control [T.PED]

The set pedestal level of the camera's Y (luminance) signal can be adjusted. This control is used in a system of two or more cameras to adjust the pedestal levels of these cameras. Select a camera with CONTROL Switch ②, set CAM CONT Switch ④ to the ON position, then adjust the total pedestal level with T.PED Control ③. The control may operate not continuous sometimes due to digital signal processing. After the adjustment, set CAM CONT Switch ④ back to the OFF position.

### Tally Indicator [TALLY]

When a tally signal is input from a special effect generator (SEG) or video switcher, for example, to any of the jacks [1] to [5] of TALLY Terminal (9), the corresponding LED lights red.

### Camera/Pan/tilt Head Selection Switch [CONTROL]

Select a desired camera with pan/tilt head from among those connected to the control panel. When a camera with pan/tilt head is selected by pressing one of the buttons [1] to [5], the pressed button lights.

**Note:** Even if an unconnected camera with pan/tilt head is selected by pressing the corresponding button, the button lights.

### Lamp Indicator [LAMP]

Lights red when LAMP ON/OFF Switch ② is in the ON position. Flashes if the lamp connected to the AC adapter (AW-PS300) for the pan/tilt head selected with CONTROL Switch ② is broken. Goes out when LAMP ON/OFF Switch ③ is set to the OFF position.

Caution: In connecting a halogen lamp to the Pan/tilt Head AC Adaptor (AW-PS300), make sure that it is in the wattage range of 250 to 500W. If a halogen lamp less than 250W is used, the LED may flash when LAMP ON/OFF Switch 2 is in the on position even if the lamp is normal.

### Lamp Switch [LAMP, ON/OFF]

Switches on and off the halogen lamp connected to the lamp AC receptacle of the pan/tilt head AC adapter (AW-PS300). Select a pan/tilt head with CONTROL Switch , then switch the halogen lamp on or off as necessary. Set it to the ON position to switch the halogen lamp on (in which case, the lamp Indicator flashes). Set it to the OFF position to switch the halogen lamp off. Note: When a pan/tilt head is selected with CONTROL Switch , the halogen lamp connected to the AC adapter for the pan/tilt head selected with that switch lights or goes out depending on the position of LAMP ON/OFF Switch .

### Lens Iris Selection Switch [IRIS, AUTO/MANU]

Used to select AUTO or MANU mode in adjusting the lens iris connected to the selected camera and pan/tilt head. When this switch is in the AUTO position, the lens iris is automatically controlled according to the quantity of light entering the lens. When the switch is in the MANU position, the iris can be manually controlled over the range from the closed position to the fully open position using IRIS LEVEL Control .

Set the switch to the MANU position in storing iris data in PRESET Switch with MEMORY Switch . If the switch is in the AUTO position, iris data will not be stored in the memory.

### Lens Iris Control [IRIS, LEVEL]

When IRIS AUTO/MANU Switch is in the MANU position, the iris can be controlled over the range from the closed position to the fully open position using this control. Turning it clockwise opens the iris and turning it counterclockwise closes the iris.

If the camera is preset to AUTO IRIS ADJ ON when IRIS AUTO/MANU Switch is in the AUTO position, this control may be used for fine adjustment of ALC focus level. For details, refer to the Operating Instructions for the Camera.

If the preset memory is called by pressing PRESET Switch when IRIS AUTO/MANU Switch is in the MANU position, the iris is adjusted to the preset value stored in the memory regardless of the position of this control. If the control is turned after that, the iris is adjusted corresponding to the position of the control.

### Preset Memory Switch [MEMORY]

Head pan/tilt positions, lens zoom/focus/iris (provided that IRIS AUTO/MANU Switch is in the MANU position), and camera white balance (ATW, Channel A or B) can be preset in up to 10 memory buttons per pan/tilt head.

To preset them in these buttons, first select a camera and pan/tilt head with CONTROL Switch , then select a head pan/tilt position, lens zoom/focus/iris, or camera white balance (ATW Channel A or B); press MEMORY Switch (so it lights yellow green and all the 10 buttons of PRESET Switch flash); while keeping the MEMORY Switch depressed, press one of the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of PRESET Switch (so it lights yellow green and all the 10 buttons of P

The pressed button in which the selected item is stored lights.

### Preset Position Selection Switch [PRESET]

The head pan/tilt positions, lens zoom/focus/iris, and camera white balance that are stored in the buttons of PRESET Switch ② can be recalled to operate the pan/tilt head, the lens, and the camera according to the preset data.

To preset them in the PRESET switches, first select a camera and pan/tilt head with CONTROL Switch , then select a head pan/tilt position, lens zoom/focus/iris, or camera white balance (ATW Channel A or B); press the MEMORY Switch (so it lights yellow green and all the 10 buttons of PRESET Switch flash); at the same time press one of the 10 buttons of PRESET Switch as desired. The pressed button in which the selected item is stored lights.

### Speed Selection Switch [SPEED]

If ZOOM lever , FOCUS Lever , or PAN/TILT Lever is moved while keeping SPEED Switch depressed, the corresponding operation takes place at low speed, provided that SPEED SW CHANGE Switch is in the LOW position. If one of these levers is moved with SPEED Switch depressed when SPEED SW CHANGE Switch is in the HIGH position, the corresponding operation takes place at high speed. SPEED Switch remains lit while it is kept depressed.

### Defroster Switch [DEF, ON/OFF]

If this switch is connected to a pan/tilt head with a built-in defroster function, it switches on and off the defroster.

Note: At the same time as a pan/tilt head is selected with CONTROL Switch ②, the defroster of the selected pan/tilt head is switched on or off depending on the position of DEF ON/OFF Switch ③.

### Wiper Switch [WIP, ON/OFF]

If this switch is connected to a pan/tilt head with a builtin wiper function, it switches on and off the wiper.

Note: At the same time as a pan/tilt head is selected with CONTROL Switch , the wiper of the selected pan/tilt head is switched on or off depending on the position of WIPE ON/OFF Switch .

### Heater/Fan Switch [H/F, ON/OFF]

If this switch is connected to a pan/tilt head with a builtin heater or fan function, it switches on and off the heater or fan.

Note: At the same time as a pan/tilt head is selected with CONTROL Switch , the heater or fan of the selected pan/tilt head is switched on or off depending on the position of H/F ON/OFF Switch .

### Lens Extender Switch [EXT, ON/OFF]

If this switch is connected to a lens with a built-in extender function, it switches on and off the lens extender. For details, refer to the Operating Instructions for the Lenses and Pan/tilt Head.

Note: At the same time as a pan/tilt head is selected with CONTROL Switch , the lens extender of the selected pan/tilt head is switched on or off depending on the position of EXT ON/OFF Switch .

### MD Filter Switch [ND, ON/OFF]

If this switch is connected to a lens with a built-in ND filter function, it switches on and off the ND filter. For details, refer to the Operating Instructions for the Lenses and Pan/tilt Head.

Note: At the same time as a pan/tilt head is selected with CONTROL Switch ②, the ND filter of the selected pan/tilt head is switched on or off depending on the position of ND ON/OFF Switch ③.

### Option Switch [OP, ON/OFF]

Controls the option switch terminal on the pan/tilt head AC adapter (AW-PS300) to short circuit or open it. That is, the option switch terminal is shorted when OP ON/OFF Switch is in the ON position, or is opened when it is in the OFF position. For details, refer to the Operating Instructions for the Pan/tilt Head AC Adapter.

Note: At the same time as a pan/tilt head is selected with CONTROL Switch pan/tilt head is shorted or opened depending on the position of OP ON/OFF Switch .

### 3 Zoom Lever [ZOOM, TELE/WIDE]

Used to control the zoom operation of the lens that is connected to the pan/tilt head selected with CONTROL Switch . Zoom speed varies according to the angle of the lever. The lens moves toward TELE when the lever is moved toward TELE, or toward WIDE when the lever is moved toward WIDE, provided that ZOOM REVERSE Switch is in the NOR position. When ZOOM REVERSE Switch is set to the REV position, the lens moves in the opposite direction. ZOOM/FOCUS EXCHANGE Switch may be used to exchange its function with FOCUS Lever.

### **9** Focus Lever [FOCUS FAR/NEAR]

Used to adjust the focus of the lens that is connected to the pan/tilt head selected with CONTROL Switch ②. Used to adjust the lens focus at varying speed depending on the angle of the lever. The lens is focused far when the lever is moved toward FAR, or near when the lever is moved toward NEAR, provided that FOCUS REVERSE Switch ③ is in the NOR position.

When FOCUS REVERSE Switch is set to the REV position, the lens focus operates in the opposite direction. ZOOM/FOCUS EXCHANGE Switch may be used to exchange its function with ZOOM Lever .

### **Tocus Lever [FOCUS FAR/NEAR]**

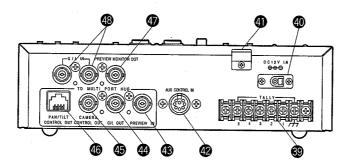
Used to adjust the focus of the lens that is connected to the pan/tilt head selected with CONTROL Switch ②. Used to adjust the lens focus at varying speed depending on the angle of the lever. The lens is focused far when the lever is moved toward FAR, or near when the lever is moved toward NEAR, provided that FOCUS REVERSE Switch ③ is in the NOR position. When FOCUS REVERSE Switch ⑤ is set to the REV position, the lens focus operates in the opposite direction. ZOOM/FOCUS EXCHANGE Switch ⑤ may be used to exchange its function with ZOOM Lever ⑥.

# Pan/tilt Lever [PAN/TILT, UP/DOWN/LEFT/RIGHT]

Used to control the pan/tilt operation of the pan/tilt head selected with CONTROL Switch . Controls the head's pan/tilt operation at varying speed depending on the angle of the lever. The pan/tilt head turns up when the lever is moved toward UP, or down when it is moved toward DOWN, provided that TILT REVERSE Switch is in the NOR position. The pan/tilt head moves in the opposite direction if the TILT REVERSE Switch is in the REV position. The pan/tilt head turns leftward when the lever is moved toward LEFT, or rightward when it is moved toward RIGHT, provided that PAN REVERSE Switch is in the NOR position. The pan/tilt head moves in the opposite direction if the PAN REVERSE Switch is in the REV position.

Note: TILT REVERSE Switch and PAN REVERSE Switch may be used to reverse the operating direction of the pan/tilt head, but be sure to set the operating direction of the pan/tilt head with its mounting direction selection switch during its installation depending on whether the pan/tilt head is mounted on the floor or is suspended. Unless the mounting direction selection switch on the pan/tilt head is properly set, the pan/tilt head will pan or tilt in the opposite direction and the pan/tilt head operation limiters will not be properly stored in the memory. For details on the setting of this switch.

### **■ REAR PANEL**



### TALLY Terminal [TALLY] (6-pin Terminal Board)

Connect it to the tally connector on a special effect generator (SEG) or a video switcher, for example. When the voltage of any of the jacks [1] to [5] of the terminal falls to the ground level, the corresponding TALLY Indicator and the Tally Indicator on the Pan/tilt Head (AW-PH300) light red.

### 12V DC Input Connector [DC 12V IN] (DC Jack) Connect the AC Adapter AW-PS301 (optional).

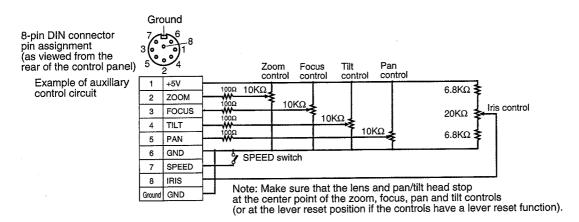
### **1** Cord Clamp (Clamper)

Clamps the DC cord of the AC Adapter AW-PS301 (optional) connected to DC 12V IN Connector • to prevent its disconnection.

# @Auxiliary Control Input Connector [AUX CONTROL IN] (8-pin DIN Connector)

External control signals are input to this connector in controlling the head's pan/tilt, lens zoom, focus and iris operations.

Note: In externally controlling the pan/tilt head and lens through this connector, set IRIS LEVEL Control on this control panel to the center point (straight up), and do not simultaneously operate SPEED Switch , ZOOM Lever , FOCUS Lever , and PAN/TILT Lever . Operation errors may occur if external controls are simultaneously used.



# Preview Video Input Connector [TO MULTI-PORT HUB, PREVIEW IN] (BNC Connector)

Connect it to the preview video output connector [PRE-VIEW OUT] on the Multiport Hub with a coaxial cable (5C-2V or equivalent). The maximum allowable length of the cable is 10 meters.

# Genlock Output Connector [TO MULTIPORT HUB, G/L OUT] (BNC Connector)

Connect it to the G/L input connector [G/L IN] on the Multiport Hub with a coaxial cable (5C-2V or equivalent) in operating the camera in external sync mode. The cable can be extended up to 10 meters.

### © Camera Control Output Connector [TO MULTIPORT HUB, CAMERA CONTROL OUT] (BNC Connector)

Connect it to camera control input connector [CAMERA CONTROL IN] on the Multiport Hub with a coaxial cable (5C-2V or equivalent), which may be extended up to 10 meters.

### Pan/tilt Control Output Connector [TO MULTIPORT HUB, PAN/TILT CONTROL OUT] (RJ-45 8-pin Modular Jack)

Connect it to pan/tilt control output connector [P/T CONTROL IN] on the Multiport Hub with a 10BASE-T straight cable (UTP category 5 or equivalent), which may be extended up to 10 meters.

# Preview Video Output Connector [PREVIEW MONITOR OUT] (BNC Connector)

The video signals of the camera selected with CON-TROL Switch 22 are output from this connector so that the selected camera can be visually confirmed. Connect this connector to the monitor video input with a coaxial cable.

Note: The preview video signals are for confirmation of which camera has been selected, so the picture quality proper to the camera cannot be guaranteed. To output camera video signals, use video output connector [VIDEO OUT] or S-video output connector [S-VIDEO OUT] on the Multiport Hub.

# Genlock Input Connectors [G/L IN] (BNC Connector)

Black burst signals or are input to one of the two connectors in operating the camera in external sync mode. The two connectors are automatically terminated, so input the above signals to one of them and use the other as a loop-through output.

# Preview Video Output Connector [PREVIEW MONITOR OUT] (BNC Connector)

The video signals of the camera selected with CONTROL Switch 2 are output from this connector so that the selected camera can be visually confirmed. Connect this connector to the monitor video input with a coaxial cable.

Note: The preview video signals are for confirmation of which camera has been selected, so the picture quality proper to the camera cannot be guaranteed. To output camera video signals, use video output connector [VIDEO OUT] or S-video output connector [S-VIDEO OUT] on the Multiport Hub.

### Genlock Input Connectors [G/L IN] (BNC Connector)

Black burst signals or are input to one of the two connectors in operating the camera in external sync mode. The two connectors are automatically terminated, so input the above signals to one of them and use the other as a loop-through output.

### Preview Video Input Connector [TO MULTIPORT HUB, PREVIEW IN] (BNC Connector)

Connect it to the preview video output connector [PRE-VIEW OUT] on the Multiport Hub with a coaxial cable (5C-2V or equivalent). The maximum allowable length of the cable is 10 meters.

### Genlock Output Connector [TO MULTIPORT HUB, G/L OUT] (BNC Connector)

Connect it to the G/L input connector [G/L IN] on the Multiport Hub with a coaxial cable (5C-2V or equivalent) in operating the camera in external sync mode. The cable can be extended up to 10 meters.

# (BNC Connector) (BNC Connector)

Connect it to camera control input connector [CAMERA CONTROL IN] on the Multiport Hub with a coaxial cable (5C-2V or equivalent), which may be extended up to 10 meters.

### Pan/tilt Control Output Connector [TO MULTIPORT HUB, PAN/TILT CONTROL OUT] (RJ-45 8-pin Modular Jack)

Connect it to pan/tilt control input connector [P/T CONTROL IN] on the Multiport Hub with a 10BASE-T straight cable (UTP category 5 or equivalent), which may be extended up to 10 meters.

# Preview Video Output Connector [PREVIEW MONITOR OUT] (BNC Connector)

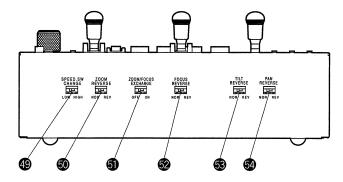
The video signals of the camera selected with CONTROL Switch 29 are output from this connector so that the selected camera can be visually confirmed. Connect this connector to the monitor video input with a coaxial cable.

Note: The preview video signals are for confirmation of which camera has been selected, so the picture quality proper to the camera cannot be guaranteed. To output camera video signals, use video output connector [VIDEO OUT] or S-video output connector [S-VIDEO OUT] on the Multiport Hub.

# Genlock Input Connectors [G/L IN] (BNC Connector)

Black burst signals or are input to one of the two connectors in operating the camera in external sync mode. The two connectors are automatically terminated, so input the above signals to one of them and use the other as a loop-through output.

### **■** Front Panel



### Focus Reverse Switch [FOCUS REVERSE, NOR/REV]

Changes the operating direction of FOCUS Lever ③. The lens is focused far when FOCUS Lever ⑤ is moved toward FAR, or near when the lever is moved toward NEAR, provided that FOCUS REVERSE Switch ⑥ is in the NOR position. When FOCUS REVERSE Switch ⑥ is set to the REV position, the lens focus operates in the opposite direction.

With FOCUS REVERSE Switch in the REV position, the operating directions shown on the panel are opposite to the indications on the panel. In this case, paste the supplied seal on the panel.

### Tilt Reverse Switch [TILT REVERSE, NOR/REV]

Changes the tilt direction controlled by PAN/TILT Lever The pan/tilt head turns up when PAN/TILT Lever is moved toward UP, or down when it is moved toward DOWN, provided that TILT REVERSE Switch is in the NOR position. The pan/tilt head moves in the opposite direction if the TILT REVERSE Switch is in the REV position.

With TILT REVERSE Switch so in the REV position, the operating directions shown on the panel are opposite to the indications on the panel. In this case, paste the supplied seal on the panel.

### Pan Reverse Switch [PAN REVERSE, NOR/REV]

Changes the pan direction controlled by PAN/TILT Lever . The pan/tilt head turns leftward when PAN/TILT Lever is is moved toward LEFT, or rightward if it moved toward RIGHT. The rotary head turns in the opposite direction if the PAN REVERSE Switch is in the REV position, provided that PAN REVERSE Switch is in the NOR position. When PAN REVERSE Switch is set to the REV position, the pan/tilt head turns in the opposite directions.

With PAN REVERSE Switch in the REV position, the operating directions shown on the panel are opposite to the indications on the panel. In this case, paste the supplied seal on the panel.

Note: TILT REVERSE Switch and PAN REVERSE Switch may be used to reverse the operating direction of the pan/tilt head, but be sure to set the operating direction of the pan/tilt head with its mounting direction selection switch during its installation depending on whether the pan/tilt head is mounted on the floor or is suspended.

Unless the mounting direction selection switch on the pan/tilt head is properly set, the pan/tilt head will pan or tilt in the opposite direction and the pan/tilt head operation limiters will not be properly stored in the memory. For details on the setting of this switch, refer to INSTALLATION OF PAN/TILT HEAD.

### Speed Switch Changing Switch [SPEED SW CHANGE, LOW/HIGH]

Changes the polarity of SPEED Switch ②. If ZOOM lever ⑤, FOCUS Lever ⑥, or PAN/TILT Lever ⑥ is moved while keeping SPEED Switch ② depressed, the corresponding operation takes place at low speed, provided that SPEED SW CHANGE Switch ③ is in the LOW position. If one of these levers is moved with SPEED Switch ② depressed when SPEED SW CHANGE Switch ④ is in the HIGH position, the corresponding operation takes place at high speed.

The speed polarity can also be changed by pressing MEMORY Switch while keeping SPEED Switch depressed. When this step is taken again, the original speed polarity is restored. Take this step if it is difficult to shift SPEED SW CHANGE Switch because this control panel is mounted on a console or the like.

### Zoom Reverse Switch [ZOOM REVERSE, NORM/REV]

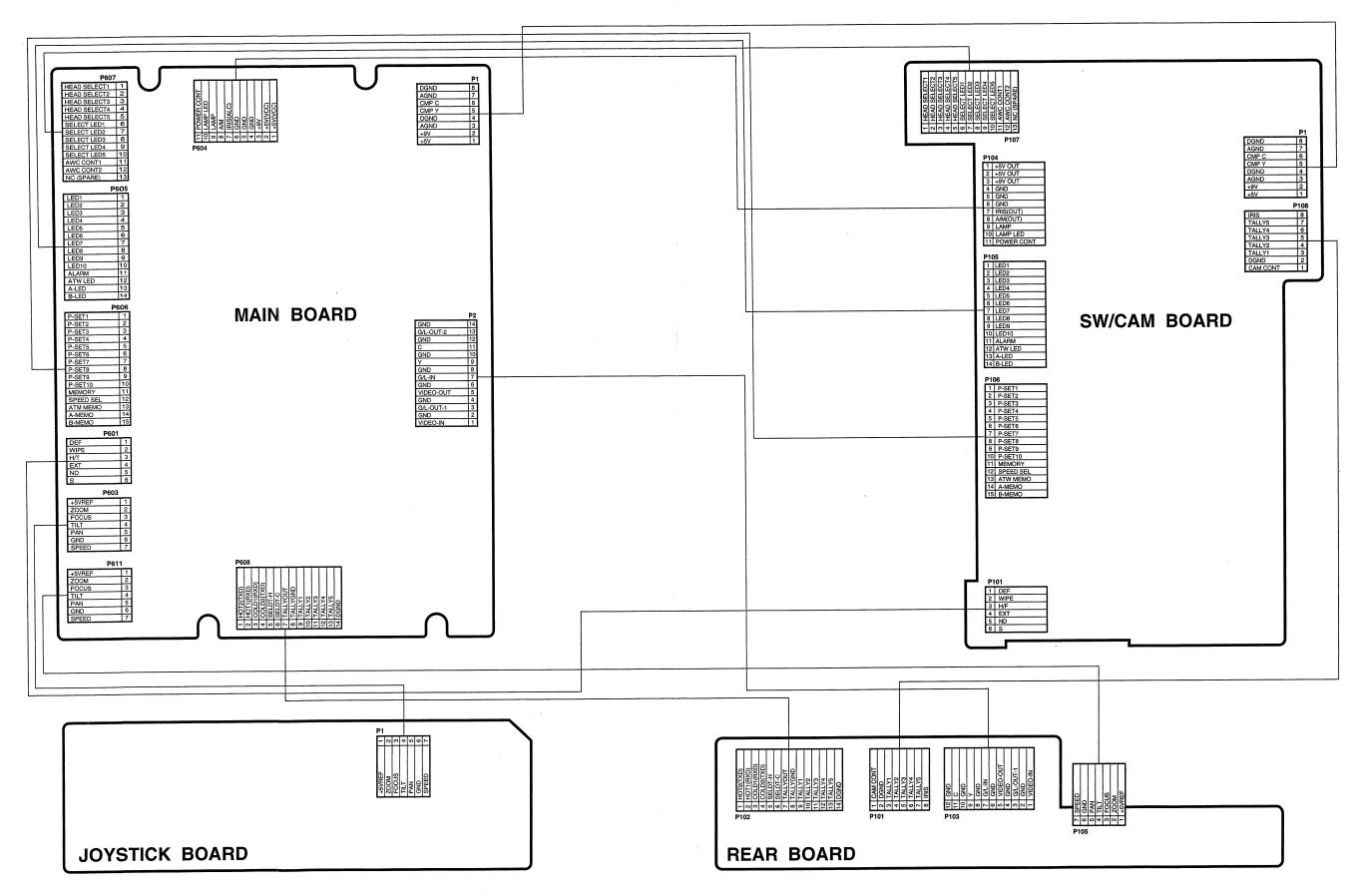
Changes the operating direction of ZOOM Lever . The lens zoom moves toward TELE when ZOOM Lever is moved toward TELE, or toward WIDE when it is moved toward WIDE, provided that ZOOM REVERSE Switch is in the NOR position. When ZOOM REVERSE Switch is set to the REV position, lens zoom operation takes place in the opposite direction. With ZOOM REVERSE Switch in the REV position, the operating directions shown on the panel are reversed. In this case, paste the supplied seal on the panel.

### 3 Zoom/Focus Exchange Switch [ZOOM/FOCUS EXCHANGE, ON/OFF]

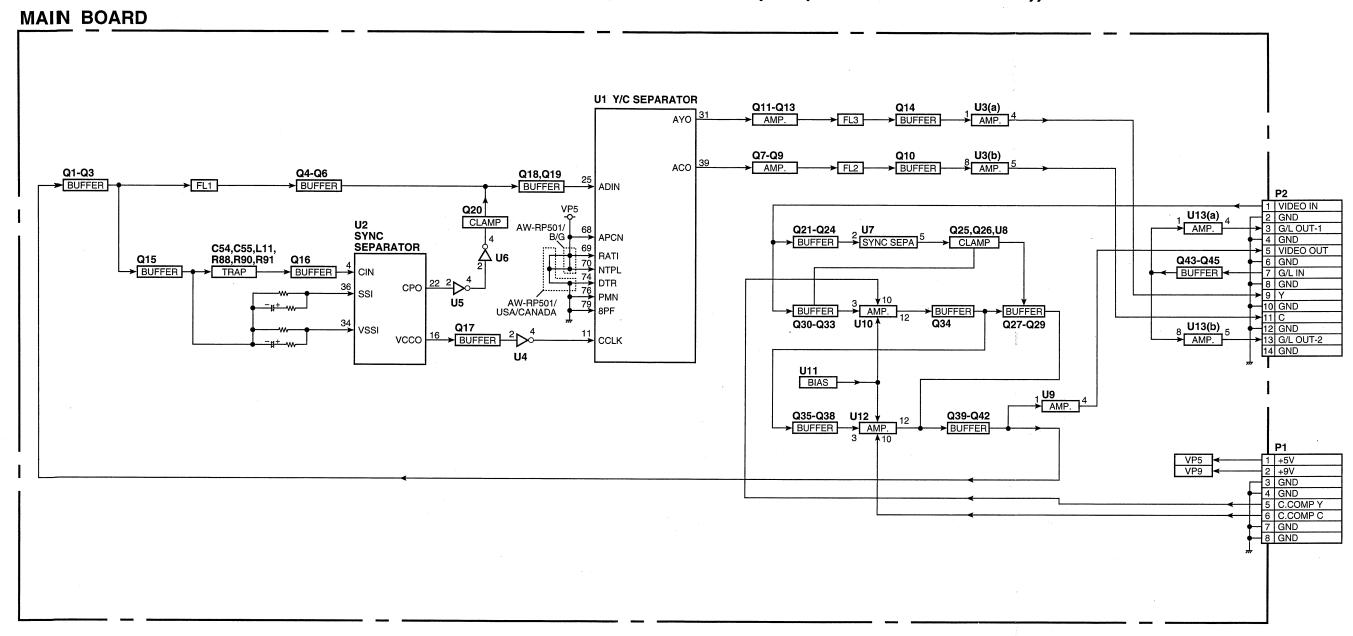
ZOOM Lever **3** and FOCUS Lever **3** exchange their function between them when this switch is set to the ON position. Unless this exchange is needed, keep the switch in the OFF position.

With ZOOM/FOCUS EXCHANGE Switch in the ON position, the operations shown on the panel do not agree with the indications on the panel. In this case, paste the supplied seal on the panel.

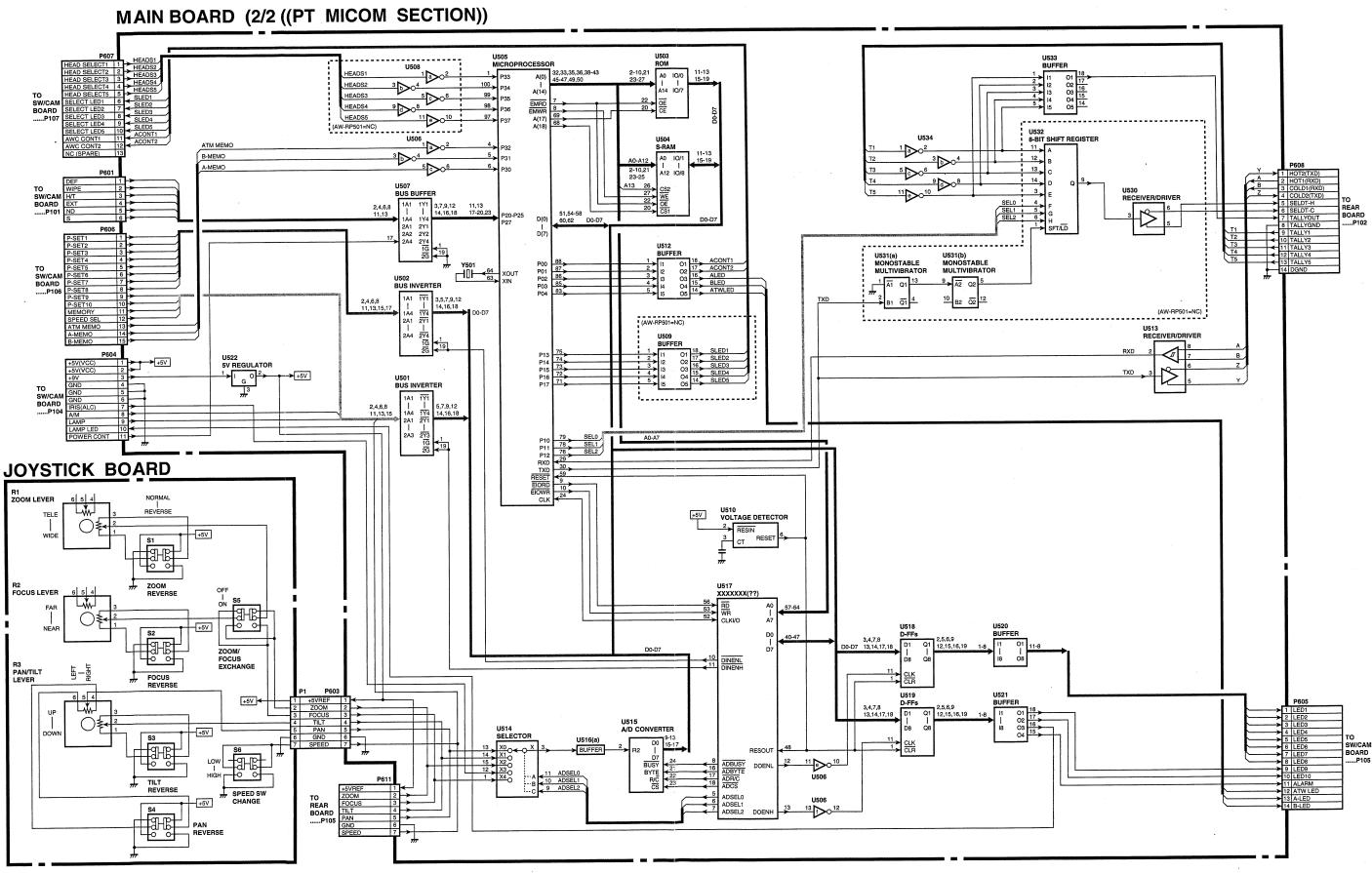
# WIRING DIAGRAM



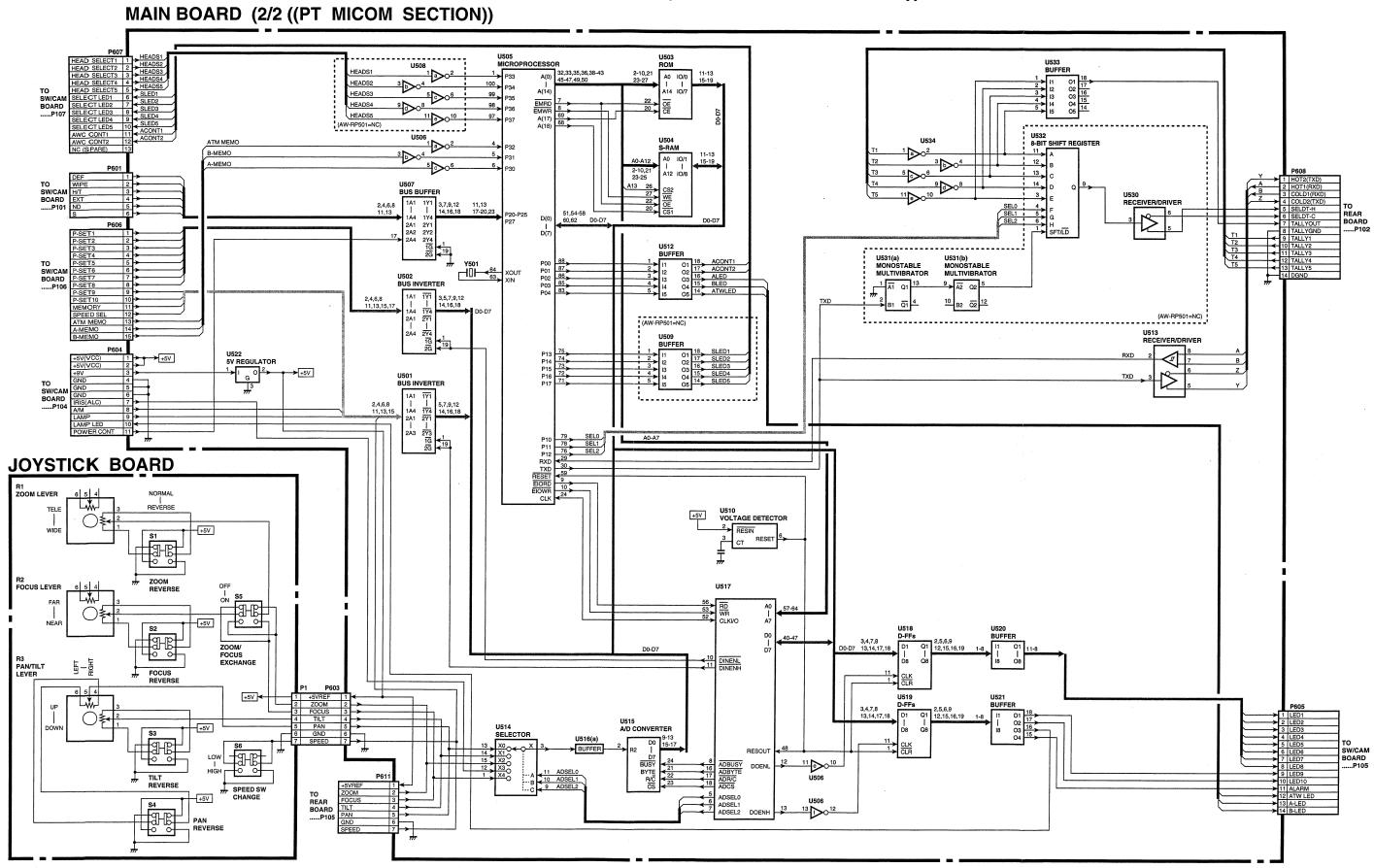
# BLOCK DIAGRAM OF MAIN BOARD (1/2 (Cable Y/C SECTION))



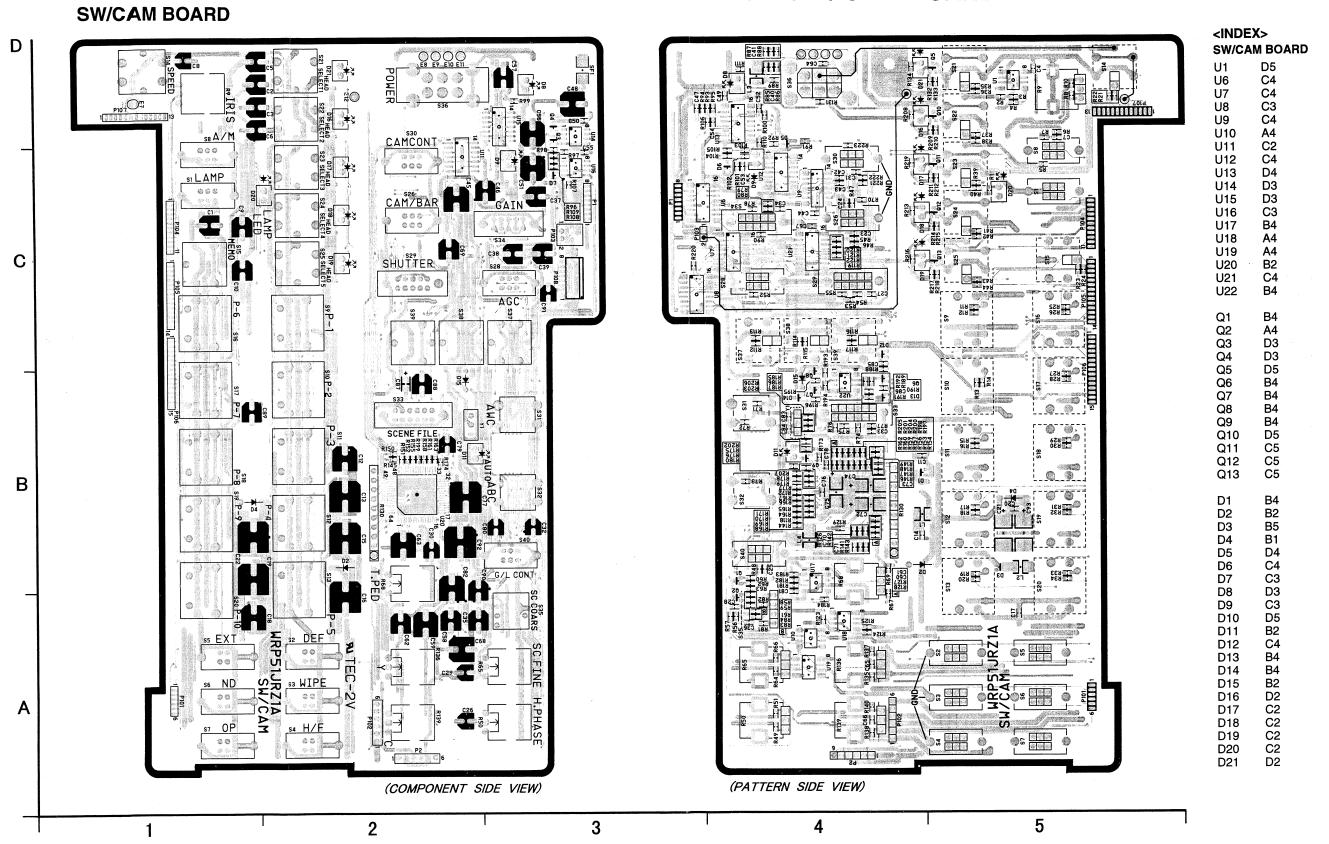
# BLOCK DIAGRAM OF MAIN BOARD (2/2 (PT MICOM SECTION)) & JOYSTICK BOARD



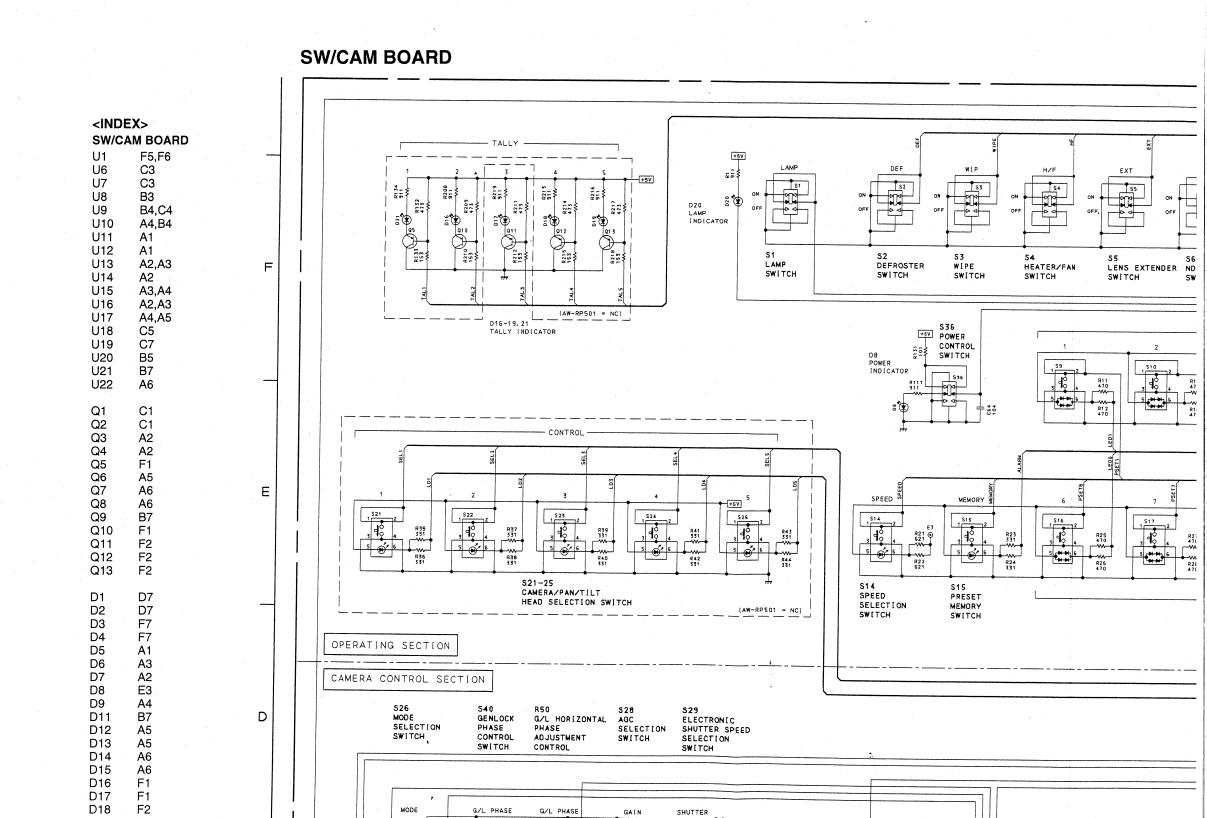
# BLOCK DIAGRAM OF MAIN BOARD (2/2 (PT MICOM SECTION)) & JOYSTICK BOARD

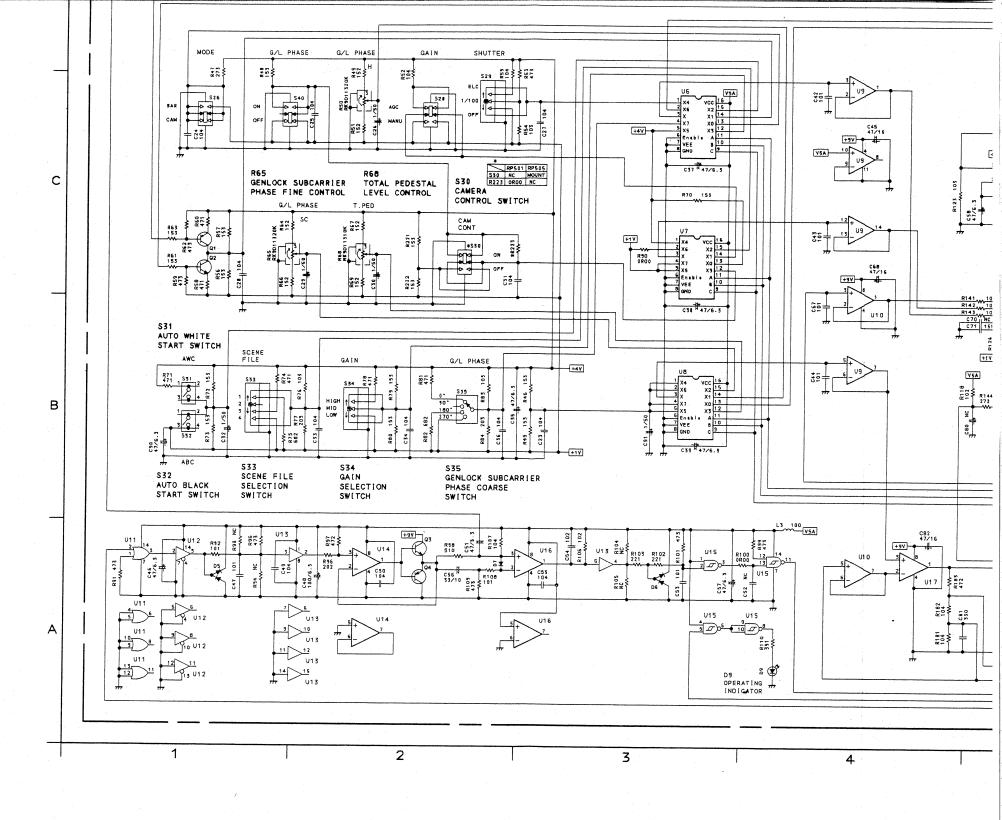


# CONDUCTOR VIEW OF SW/CAM BOARD



# SCHEMATIC DIAGRAM OF SW/CAI





### SW CAM BOARD

A6 F1 F2 F2 F3 F1

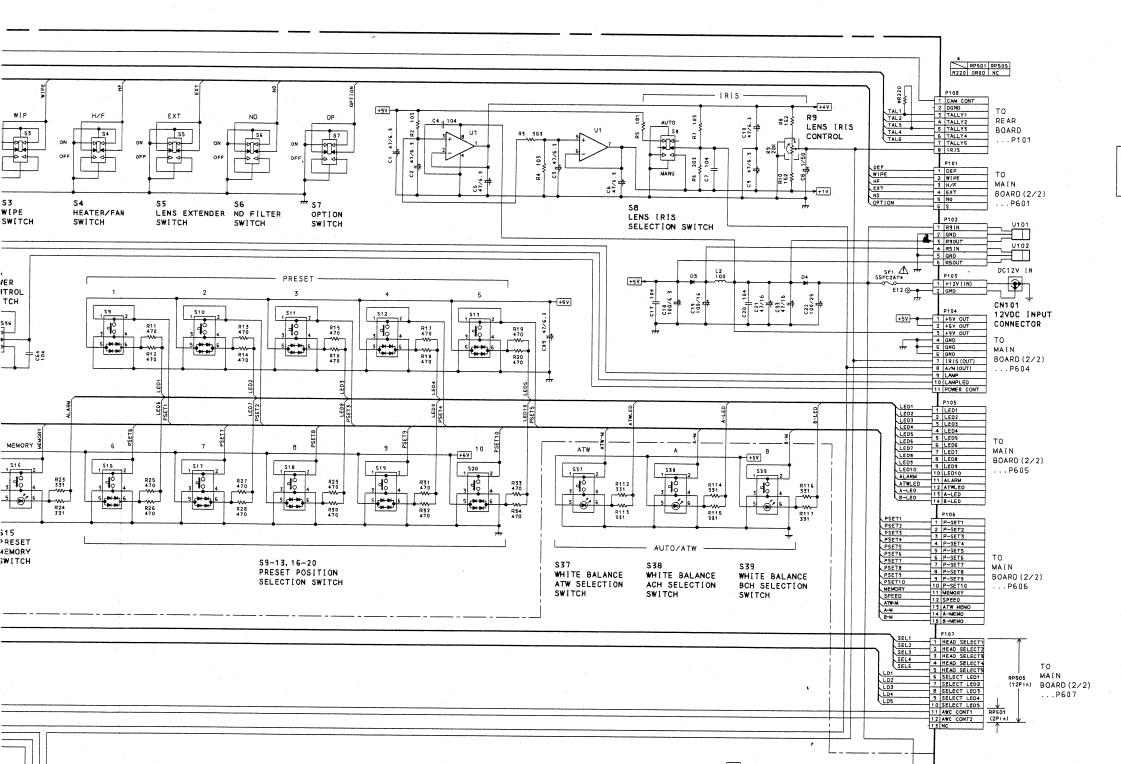
D15 D16 D17 D18

D19 D20 D21

L		U20		U11	U14	U15	U16	U10	U17	U18	U19	U22	U1	U6	U7	U8	U9	U12	U13	U21	
	1	4.4	1	0.0	4.7	5.0	5.0	4.4	4.6	1.0	2.8	0.1	4.0	1.0	4.0	2.5	3.8	0.0	5.0	4.0	
	2	3.8	2	5.0	4.0	5.0	3.5	4.4	2.5	1.0	2.8	1.4	4.0	4.3	1.0	2.5	3.8	5.0	5.0	1.0	
	3	3.8	3	5.0	5.0	0.0	4.0	4.4	3.0	1.0	2.8	0.0	4.1	3.8	3.7	3.0	3.8	5.0	5.0	4.4	
	4	1.0	4	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.5	9.0	0.0	5.0	1.0	
L	5	4.6	5	0.0	0.0	0.0	5.0	2.5	5.0	4.0	2.9	1.2	1.0	4.0	1.0	2.5	3.0	0.0	5.0	4.0	
	6	0.0	6	0.0	4.8	5.0	0.0	2.5	0.0	4.0	2.9	4.7	1.0	0.0	0.0	0.0	3.0	10.0	0.0	0.0	
	7	0.0	7	0.0	4.8	0.0	1.9	2.5	1.7	4.0	2.9	5.0	1.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
	8	5.0	8	0.0	5.0	0.0	5.0	9.0	9.0	9.0	9.0	0.0	9.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
. [	9	5.0	9	0.0		5.0								0.4	0.4	0.4	0.0	0.0	0.0	0.4	
	10	0.0	10	0.0		5.0								0.4	0.4	0.4	5.0	Q.0	0.0	0.4	
L	11	5.0	11	0.0		5.0								0.4	0.4	0.4	0.0	0.0	0.0	0.4	
	12	0.0	12	0.0		5.0								1.0	4.0	2.9	3.8	0.0	0.0	1.0	
	13	5.0	13	0.0		0.0								0.1	4.0	3.1	3.8	0.0	-	4.7	
ı	14	0.0	14	5.0		5.0								1.1	1.0	1.8	3.7	5.0	0.0	4.7	
	15	0.0	15											2.5	2.1	2.4			0.0	1.0	
L	16	5.0	16						-					5.0	5.0	5.0			5.0	5.0	

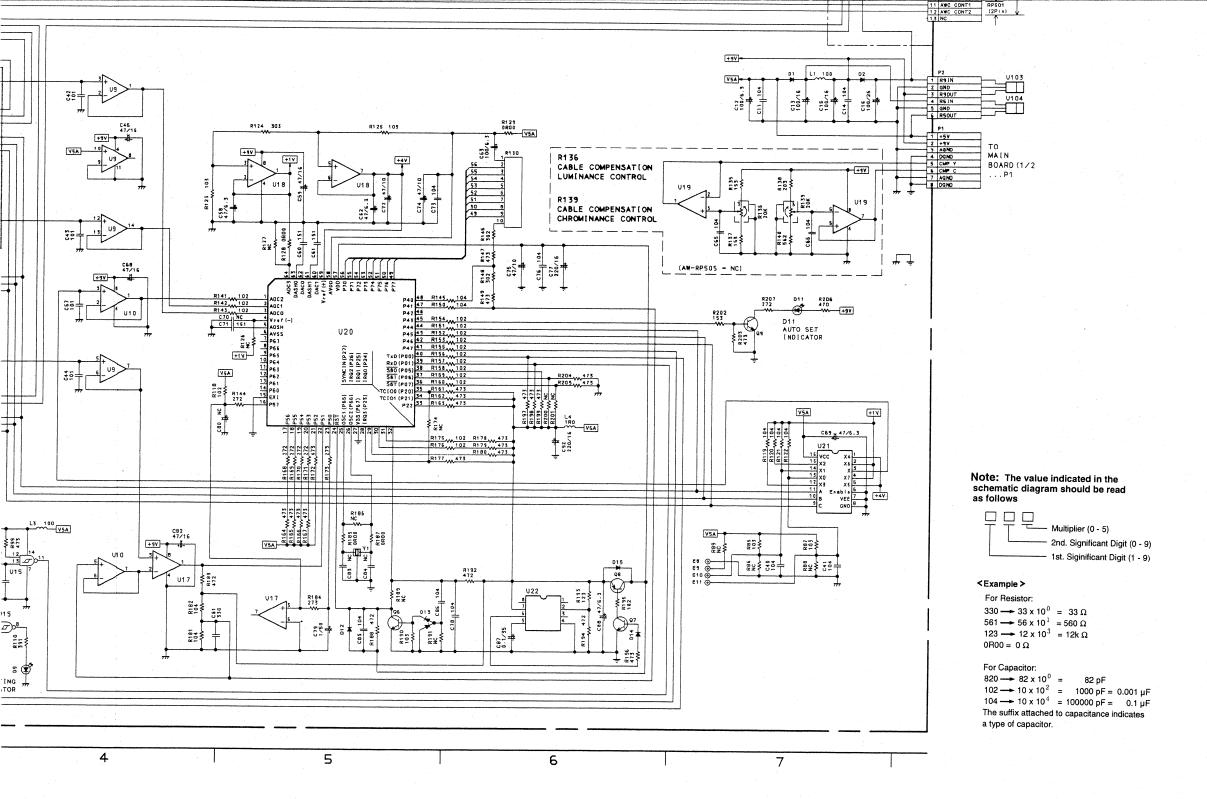
	Q3	Q4	Q1	Q2	Q7	Q8	Q6	Q11	l
В	4.7	4.7	4.0	1.8	0.7	4.3	0.0	5.1	
С	9.0	0.0	0.2	1.1	0.0	5.0	5.0	0.0	
Ε	4.0	4.0	4.0	1.1	0.0	5.0	0.0	3.9	

# AGRAM OF SW/CAM BOARD



### Important safety notice

Components Identified by " $\Delta$ " mark have special characteristics for safety. When replacing any of these components, use only manufacturer's specified parts.



 4
 Q1
 Q2
 Q7
 Q8
 Q6
 Q11

 7
 4.0
 1.8
 0.7
 4.3
 0.0
 5.1

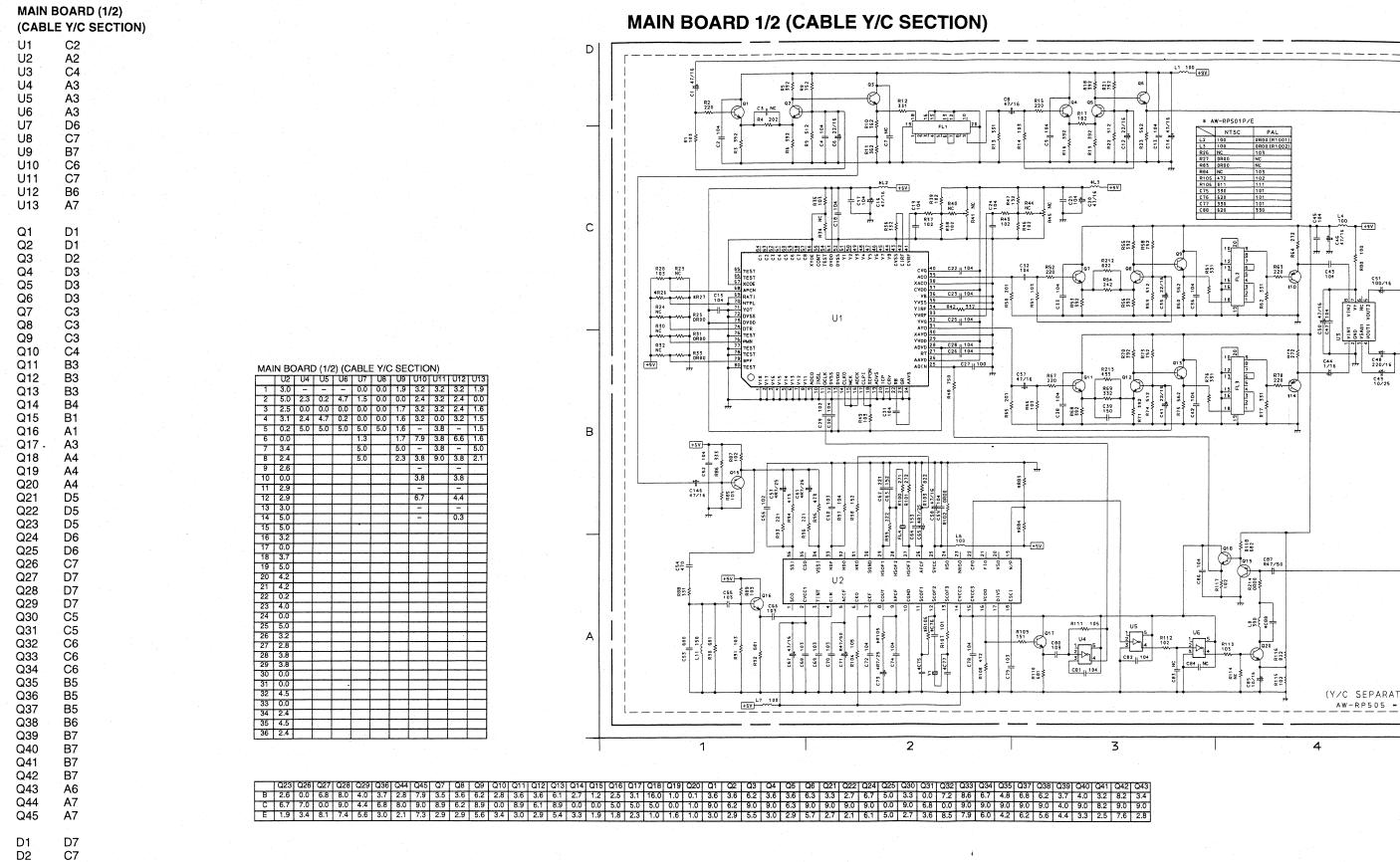
 0
 0.2
 1.1
 0.0
 5.0
 5.0
 0.0

 0
 4.0
 1.1
 0.0
 5.0
 0.0
 3.9

<INDEX>

<INDEX>

# SCHEMATIC DIAGRAM OF MAIN BOAR!



# SCHEMATIC DIAGRAM OF MAIN 2/2 (PT MICC MAIN BOARD 2/2 (PT MICOM SECTION)

MAIN BOARD (2/2) (PT MICOM SECTION)

# <INDEX> MAIN BOARD (2/2) (PT MICOM SECTION)

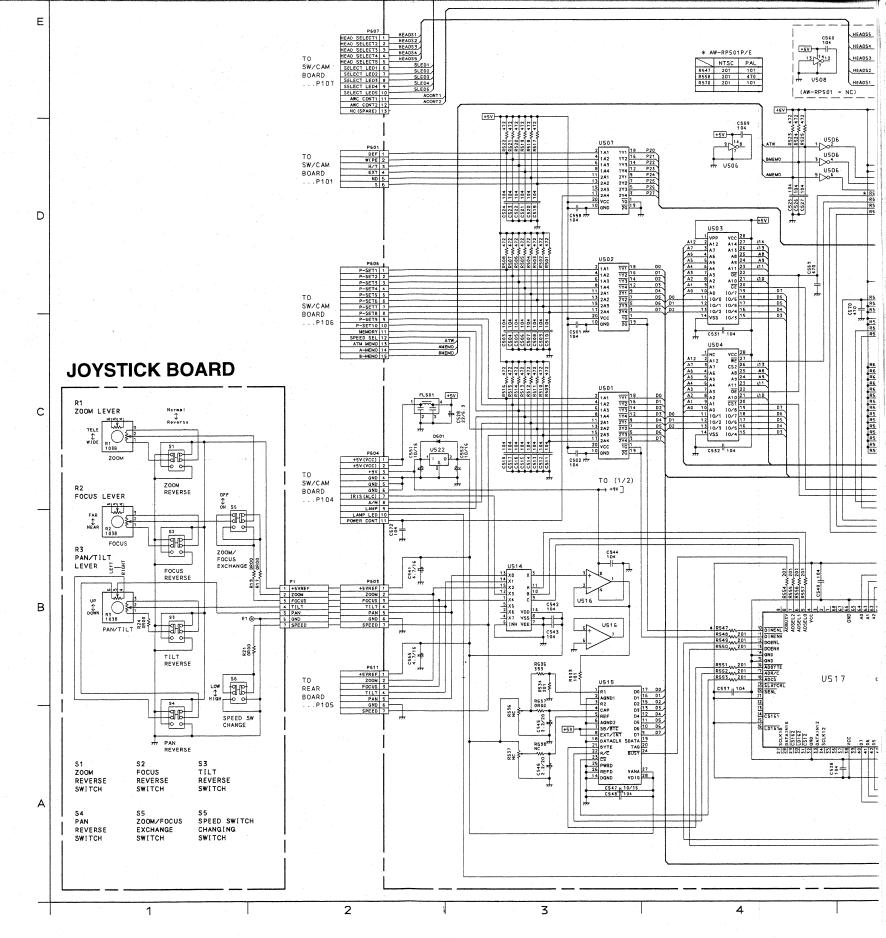
U501 C3
U502 D3
U503 D4
U504 C4
U505 D5
U506 D4
U507 D3
U508 E4,E5
U509 D7
U510 B6
U512 E6
U513 C7
U514 B3
U515 A3
U516 B3
U517 B4
U518 A6
U519 A6
U520 A6
U521 A6
U522 C2
U530 D8
U531 C8
U531 C8
U532 C8
U533 D8
U534 C7,C8,D7

C2

D501

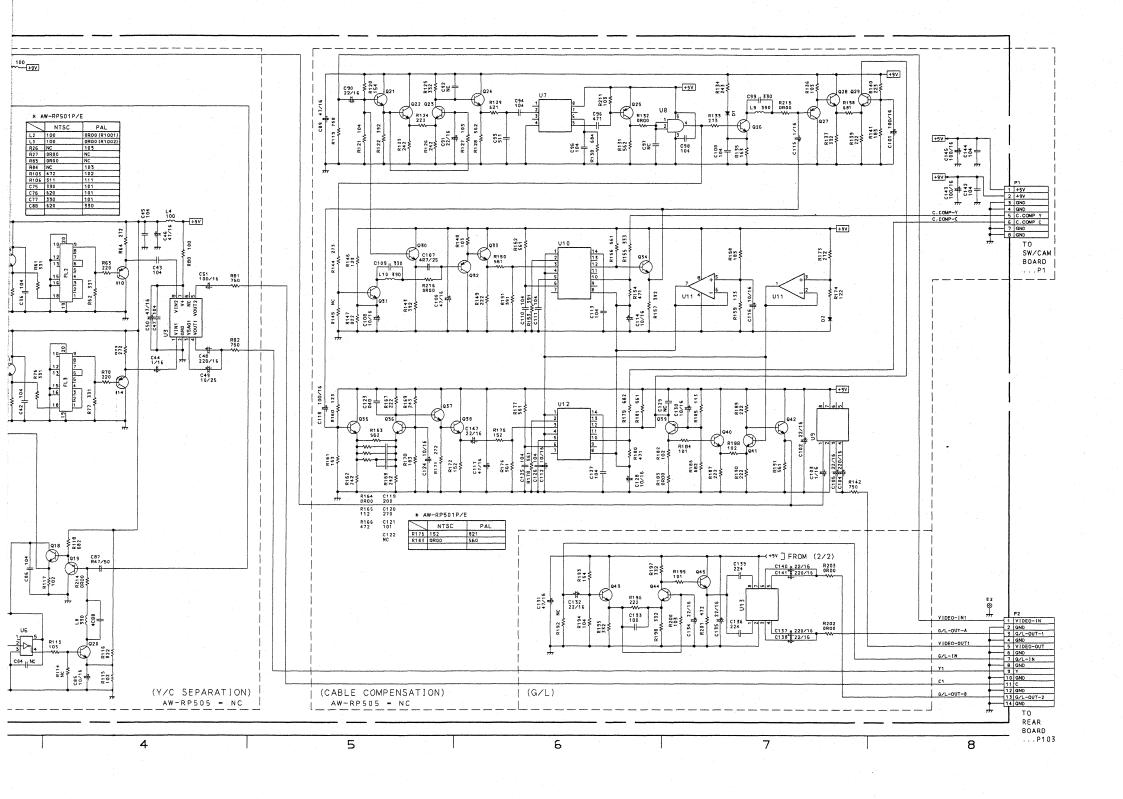
MAI	N BC	ARE	(2/2	2) (P	ГМІС	СОМ	SEC	TIOI	N)									
	U518	U519	U520	U521	U522	U503	U504	U501	U502	U506	U507	U510	U512	U513	U514	U516	U533	U534
1	5.1	5.1	0.1	0.1	9.0	5.1	-	5.1	5.1	5.1	0.0	2.5	0.0	5.1	0.7	5.2	0.0	5.1
2	0.1	0.1	0.1	0.1	5.0	2.3	1.4	5.1	5.1	0.2	5.1	5.0	0.0	5.1	0.6	5.2	0.0	0.0
3	2.3	2.3	0.1	0.1	0.0	2.9	2.1	2.2	2.2	5.1	5.1	3.2	0.0	5.1	0.7	1.6	0.0	5.0
4	2.5	2.5	0.1	0.1		2.5	2.3	5.1	5.1	0.2	5.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0
5	0.1	0.1	0.1	0.1		2.6	1.4	2.4	2.4	5.1	0.0	5.1	4.8	5.0	0.6	0.0	0.0	5.0
6	0.1	0.1	0.1	0.1		2.7	3.0	5.1	5.1	0.2	5.1	2.6	0.0	0.5	0.0	0.0	0.0	0.0
7	2.2	2.2	0.1	0.1		2.7	2.8	1.7	1.7	0.0	5.1	5.1	0.0	2.4	0.0	0.0	0.0	0.0
8	2.4	2.4	0.1	0.1		2.7	2.7	5.1	5.1	4.7	5.1	5.1	0.0	2.4	0.0	9.0	0.0	0.0
9	0.1	-	0.0	0.0		2.7	2.6	1.8	1.8	0.0	5.1		0.0		5.1		0.0	5.0
10	0.0	0.0	3.4	4.3		2.6	2.6	0.0	0.0	0.2	0.0		3.7		0.0		1.1	0.0
11	0.2	0.2	3.5	1.9		2.2	3.0	4.3	5.1	5.1	5.1		1.1		0.0		1.1.	5.0
12	0.1	0.1	3.4	1.9		2.5	0.8	1.4	1.4	0.2	5.1		1.0	L	3.1		1.1	5.1
13	2.7	2.7	3.4	1.8		2.2	1.3	5.1	5.1	5.1	5.1		0.9		1.4		1.0	0.0
14	2.9	2.9	3.4	1.9		0.0	0.0	1.9	1.9	5.1	5.1		0.7		1.4		0.0	5.1
15	0.1	0.1	3.4	_		2.8	1.0	5.1	5.1		1.4		4.0		1.4		1.0	
16	0.1	0.1	3.4	4.3		2.6	1.9	1.0	1.0		5.1		4.3		5.0		1.0	
17	2.2	2.2	3.4	3.4		2.1	1.7	5.1	5.1		4.8		2.9			<u> </u>	0.9	
18	2.7	2.7	3.5	3.4		2.1	2.4	2.8	2.8		5.1		4.0				<u> </u>	
19	0.1	0.1				2.4	2.2	5.1	5.1		0.0							_
20	5.1	5.1				0.1	5.0	5.1	5.1		5.1							
21						0.8	0.3											
22						2.1	2.0											
23						1.3	0.3											
24						0.7	0.3		1								L	
25	T					2.1	1.1											
26					Г	1.2	1.8											
27	<b>†</b>					0.3	4.6							· .		L		
28	<del>                                     </del>		-	1		5.1	5.1	1								L	L	L
		·					-			-								

1		U508	U509	U523	U525	U526	U527	U528	U529
	1	2.6	4.7	0.0	5.0	5.0	5.0	5.0	5.0
	2	0.2	0.0	0.0	4.8	0.1	4.8	4.8	4.7
1	3	2.6	0.0	0.0	5.0	5.0	5.0	5.0	5.0
	4	0.2	0.0	5.0	0.0	0.0	0.0	0.0	0.0
	5	2.7	0.0	0.0	4.9	4.9	4.9	4.9	4.9
	6	0.2	0.0	5.0	0.5	0.5	0.5	0.5	0.5
	7	0.0	0.0	5.0	2.4	2.4	2.4	2.4	2.4
	8	0.2	0.0	0.0	2.4	2.4	2.4	2.4	2.4
1	9	2.8	0.0	5.0					
1	10	0.2	4.5	5.0					
	11	2.9	2.0	5.0					
	12	4.7	2.0	5.0					
	13	0.0	2.0	5.0					
	14	5.0	4.5	5.0					
	15		4.6	5.0					
	16		4.6	5.0					<u> </u>
	17		4.6						
	18		0.7						



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# / OF MAIN BOARD 1/2 (CABLE Y/C SECTION)



Note: The value indicated in the schematic diagram should be read as follows



### <Example >

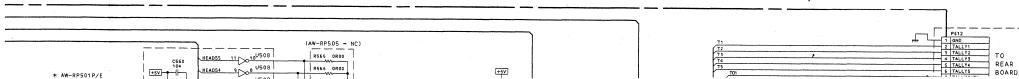
### For Resistor: $330 \longrightarrow 33 \times 10^{0} = 33 \Omega$ $561 \longrightarrow 56 \times 10^{1} = 560 \Omega$ $123 \longrightarrow 12 \times 10^{3} = 12k \Omega$ $0R00 = 0 \Omega$

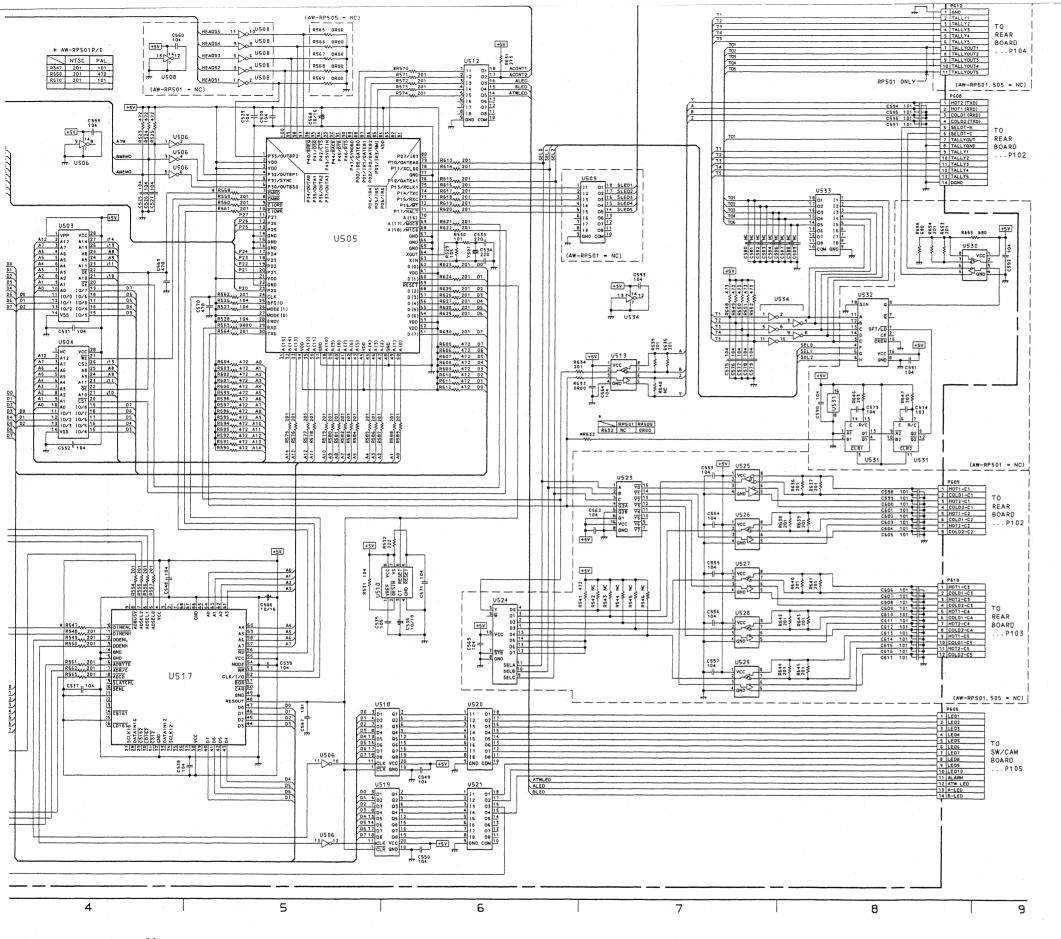
### For Capacitor:

 $820 \longrightarrow 82 \times 10^{0} = 82 \text{ pF}$   $102 \longrightarrow 10 \times 10^{2} = 1000 \text{ pF} = 0.001 \text{ μF}$   $104 \longrightarrow 10 \times 10^{4} = 100000 \text{ pF} = 0.1 \text{ μF}$ The suffix attached to capacitance indicates a type of capacitor.

# MAIN 2/2 (PT MICOM SECTION) / JOYSTICK BOARD

SECTION)





Note: The value indicated in the schematic diagram should be read as follows

```
Multiplier (0 - 5)
          2nd. Significant Digit (0 - 9)
            - 1st. Siginificant Digit (1 - 9)
```

### <Example >

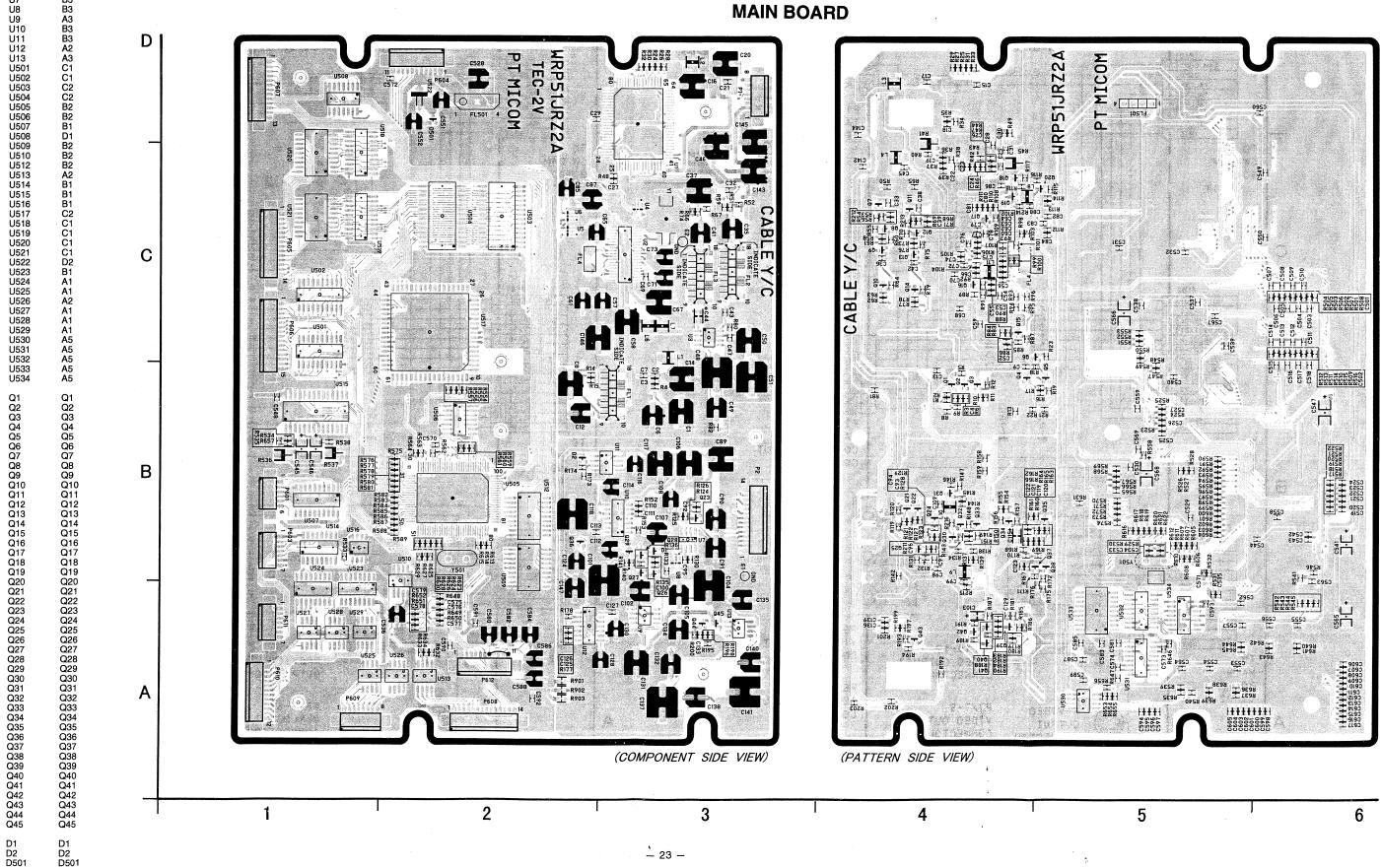
a type of capacitor.

```
For Resistor:
330 \longrightarrow 33 \times 10^0 = 33 \Omega
561 \longrightarrow 56 \times 10^1 = 560 \Omega
123 \rightarrow 12 x 10<sup>3</sup> = 12k Ω
0R00 = 0 \Omega
For Capacitor:
820 \longrightarrow 82 \times 10^0 = 82 \, pF
 102 \rightarrow 10 \times 10^2 = 1000 \text{ pF} = 0.001 \text{ }\mu\text{F}
104 \rightarrow 10 \times 10^4 = 100000 \text{ pF} = 0.1 \text{ }\mu\text{F}
The suffix attached to capacitance indicates
```

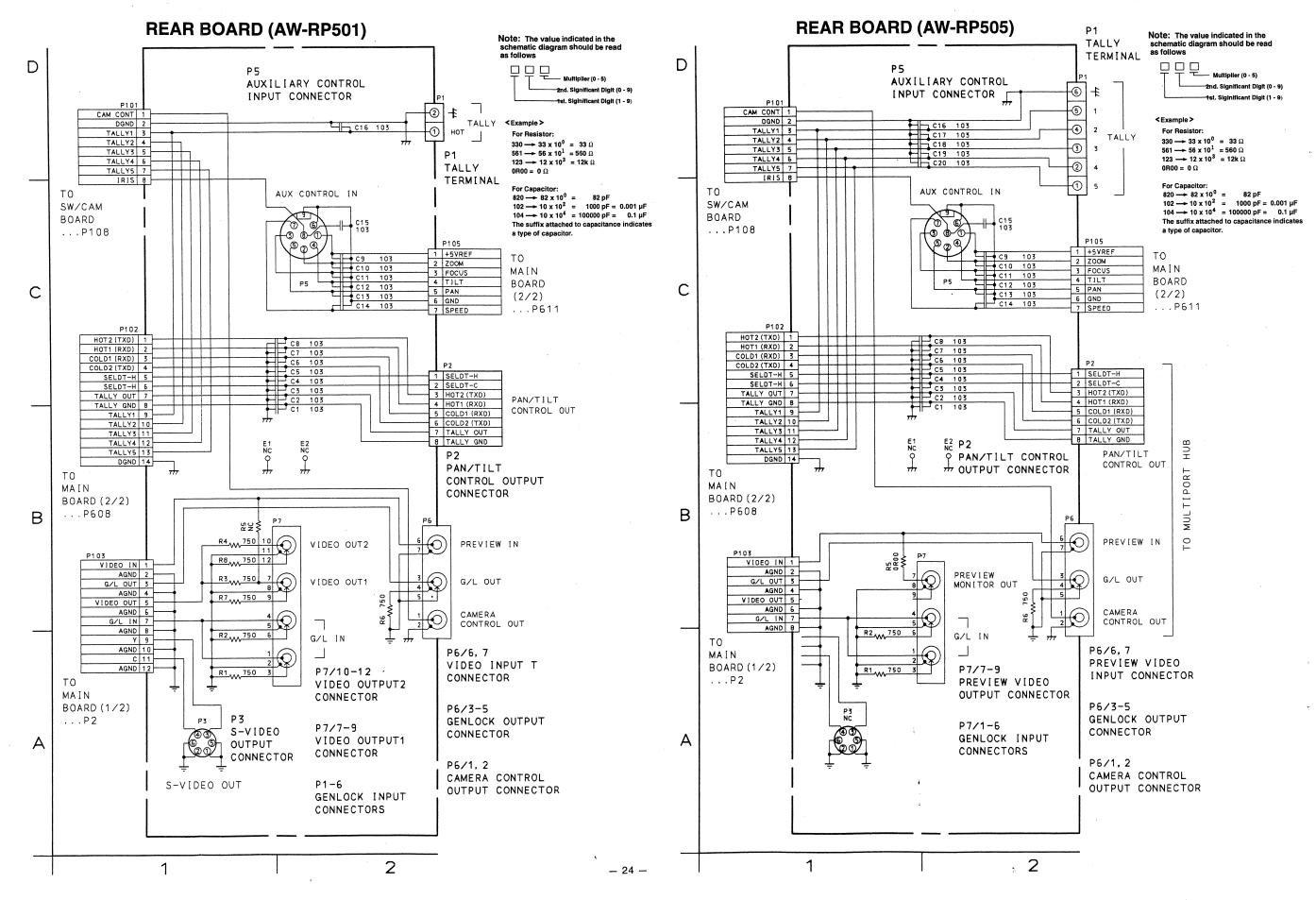
- 22 -

# <INDEX> MAIN BOARD U1 U2 U3 U4 U5 U6 U7 U8 U9 U10 U11 U12 U13 U5001 U502 U503 U5005 U5006 U507 U508 U510 U515 U515 U516 U515 U516 U515 U518 U515 U516 U517 U518 U519 U520 U521 U522 U523 U524 U525 U526 U527 U528 U529 U529 U531 U532 Q1

# CONDUCTOR VIEW OF MAIN BOARD



### SCHEMATIC DIAGRAM OF REAR BOARD

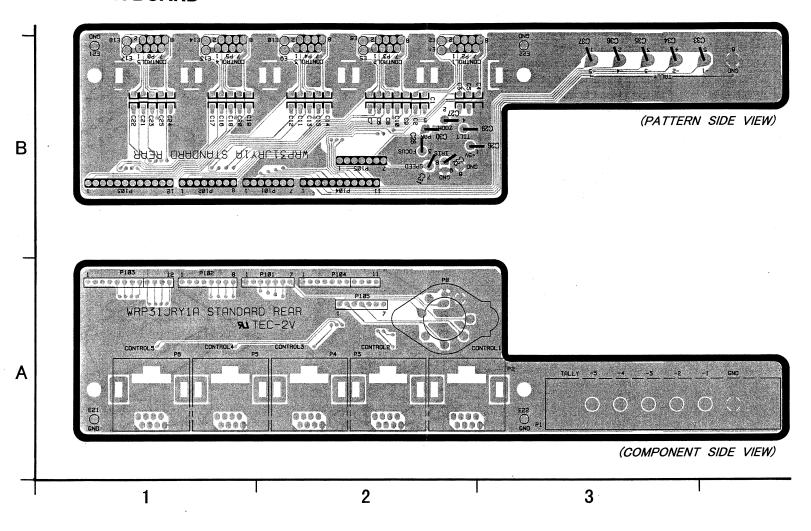


# CONDUCTOR VIEW OF JOYSTICK BOARD

# 

# **CONDUCTOR VIEW OF REAR BOARD**

### **REAR BOARD**

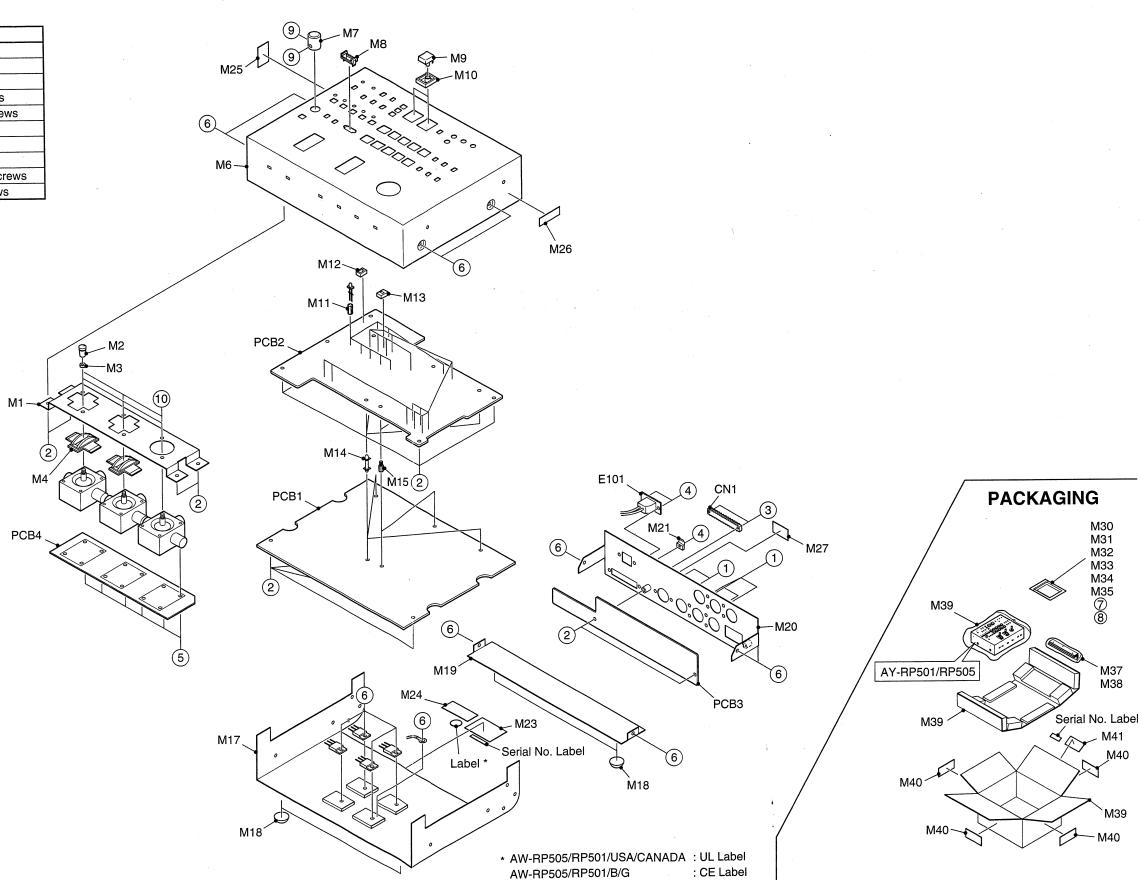


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# **EXPLODED VIEW**

ONumbers show screws, washers, nuts and etc.

No.	Screws	Description
1	XTN3+6BFN	Pan Head Tapping Screws
2	XSB3+6FX	Binding Head Screws
(3)	XSB3+12FN	Binding Head Screws
( <del>4</del> )	XSB2+4FXK	Binding Head Black Screws
(5)	XTB3+6BFX	Binding Head Tapping Screws
6	XSB3+6FN	Binding Head Screws
(7)	XSB4+8FN	Binding Head Screws
(8)	XSB5+8FN	Binding Head Screws
9	XXE26D4FXK	Hex Slotted Head Black Screws
10	XTS3+8BFX	Flush Head Tapping Screws



### REPLACEMENT PARTS LIST

### Important Notice

- 1. Components identified by "  $\triangle$  " mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
- 2. RTL: Retention Time Limited (No longer available after discontinuing product).

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION				
	A۱	W-RP501		MAIN BOARD					
	MISC	ELLANEOUS	PCB1 (RTL)	YWWRP51JKZ2A	Printed Circuit Board Assy for AW-RP501/USA/Canada				
U101	YWNJM7809FA	IC		YWWRP51EKZ2A	Printed Circuit Board Assy for				
U102	YWNJM7805FA	IC IC			AW-RP501/B/G				
	YWNJM7809FA	ic	U1	YWCXD2044Q	IC				
U103	i .	IC IC							
U104	YWNJM7805FA	I	U2	YWUPC1862GS	IC IC				
J105	HN27C256AFP	Memory Device (ROM)	U3	NJM2268M	l ic				
			U4-6	YWTC7S04FL	IC				
J101	HEC075701003	DC Jack	U7	YWLM1881M	IC				
CN101	YWM0092	8-pin DIN Connector	U8	YWTC7S08FL	ic				
CN102	AXS62822	IC Socket Guide	U9	YWNJM2267M	IC .				
E101	ML40S1CXS2P	2-pin Terminal	"	1 TYT NOIVILLOT IVI					
E102	YWCP501CP01B	Wire	11110	N INAT ADENA	100				
			U10	NJM1496M	IC IC				
E103	YWCP501CP02B	Wire	U11	TL092CPS	IC				
E104	YWCP501CP03B	Wire	U12	NJM1496M	IC .				
E105	YWP501CP03B	Wire	U13	YWNJM2267M	IC .				
E105 E106	YWCP501CP04B	Wire	U501,502	MC74HC240AF	IC				
M1	YW1B1A465A								
IVI I	TWIDIA400A	Joystick Angle	U504	YWHM6264BLFP	IC				
	\#####DA00704	Louis Wall Work	U505	KL5C8012CFP	IC				
M2	YWV5RA0278A4	Joystick Knob	U506	SN74LS04NS	IC				
M3	YW2Y1A021A	Joystick Collar	U507	MC74HC244AF	IC				
M4	YW5N1A022A	Joystick Cover	U510	YWTL7705CPS	IC .				
M6	YW1A1A058B	Cover							
M7	YW2R1A015A	Iris Knob	U512	YWTD62083F	lC IC				
			U513	YWSN75179BPS	IC ·				
M8	YWTD446MR07A	Button Guide	U514	MC74HC4051F	ic				
M9	YWA6JG0016A3	Button (WHT)	U515	YWADS7806U	lic -				
M10	YWA6JC0017A4	Button Guide (N4)	U516	NJM2904M					
M12	YW5E1A017A	Switch Cushion (A)	0516	NOIVIZ304WI	10				
M13	YW5E1A018A	Switch Cushion (B)	11547	PTFPGA1	10				
		` '	U517		IC				
M14	YWWLS160	Locking Spacer	U518,519	SN74ALS273NS	IC .				
M15	YW2Y1A022A	Spacer	U520,521	YWTD62083F	IC				
M17	YW1A1A054A	Chassis	U522	YW78L05UATE2	IC				
M18	SJ-5003	Rubber Foot	U533	YWTD62083F	IC .				
M19 .	YW1A1A065A	Blank Panel		<u> </u> -					
W110 .	I WIA IAU03A	טומווע ו מווסו	U534	YWMC74HC04AF	IC				
MOO	VAMA A 4 A COOD	Poor Panel	Q1	2SD1819QRS	Transistor				
M20	YW1A1A062B	Rear Panel	Q2	2SC3931-CD	Transistor				
M21	YWV2GA0065A4	Cord Clamp	Q3,4	2SD1819QRS	Transistor				
M23 △	YW7C1A028A	Main Label for AW-RP501/USA/Canada	Q5	2SC3931-CD	Transistor				
	YW7C1A029A	Main Label for AW-RP501/B/G							
M24 △	YFV7MA0061A4	FCC Label for AW-RP501/USA/Canada	Q6,7	2SD1819QRS	Transistor				
			Q8	2SC3931-CD	Transistor				
M27 🛆	YWV7MA0338A4	See Manual Label	Q9	2SD1819QRS	Transistor				
M25 🛆	YWV7MA1009A4	EXT DC Label	Q10	2SB1218QRS	Transistor				
M26 △	YFV7MB0099A4	Screw Caution Label	Q11	2SD1819QRS	Transistor				
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REF. NO.	PART NO.	DES	CRIPTION	REF. NO.	PART NO.	DESCRIPTION		
Q12	2SC3931-CD	Transistor		R25	ERJ3GEY0R00	Carbon	0 ohm 1/16W	
213	2SD1819QRS	Transistor		R26	ERJ3GEYJ103	Carbon	10K ohms 1/16W	
	2SB1218QRS	Transistor		1	2/10001210100	for AW-RP5	01/B/G	
14,15				R27	ERJ3GEY0R00	Carbon	0 ohm 1/16W	
116-18	2SD1819QRS	Transistor		nz/	LHOOGLIONOO		01/USA/Canada	
219	2SB1218QRS	Transistor				IOI AVV-NF3	01/03A/Carlada	
20	2SC3931-CD	Transistor		R28	ERJ3GEYJ103	Carbon	10K ohms 1/16W	
21,22	2SD1819QRS	Transistor		R31,33	ERJ3GEY0R00	Carbon	0 ohm 1/16W	
)23	2SC3931-CD	Transistor		R35	ERJ3GEYJ103	Carbon	10K ohms 1/16W	
24	2SD1819QRS	Transistor		R36	ERJ3RHD332	Metal	3.3K ohms 1/16W	
25	2SB1218QRS	Transistor		R37	ERJ3GEYJ102	Carbon	1K ohms 1/16W	
	2000001 00	T		D00.00	ERJ3RHD102	Metal	1K ohms 1/16W	
26	2SC3931-CD	Transistor	DD504/104/0	R38,39		Metal	3.3K ohms 1/16W	
27	2SA1532-CD	1	-RP501/USA/Canada	R42	ERJ3RHD332			
	2SB1218QRS	Transistor for AW	-RP501/B/G	R43	ERJ3GEYJ102	Carbon	1K ohms 1/16W	
228	2SD1819QRS	Transistor		R46	ERJ3RHD102	Metal	1K ohms 1/16W	
229	2SC3931-CD	Transistor		R47	ERJ3RHD132	Metal	1.3K ohms 1/16W	
230	2SD1819QRS	Transistor		R48	ERJ3GEYJ750	Carbon	75 ohms 1/16W	
230 231	2SC3931-CD	Transistor	•	R49	ERJ3GEYJ103	Carbon	10K ohms 1/16W	
			-RP501/USA/Canada	R50	ERJ3RHD201	Metal	200 ohms 1/16W	
232	2SA1532-CD	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		R51	ERJ3GEYJ103	Carbon	10K ohms 1/16W	
	2SB1218QRS	Transistor for AW	-HP501/B/G	l ŧ		1	22 ohms 1/16W	
233-35	2SD1819QRS	Transistor		R52	ERJ3GEYJ220	Carbon	22 ORMS 1/1644	
236	2SC3931-CD	Transistor		R53	ERJ3GEYJ392	Carbon	3.9K ohms 1/16W	
237,38	2SD1819QRS	Transistor		R54	ERJ3RHD242	Metal	2.4K ohms 1/16W	
239	2SA1532-CD	Transistor		R55	ERJ3RHD392	Metal	3.9K ohms 1/16W	
Q40	2SD1819QRS	1 '	-RP501/USA/Canada	R56	ERJ3GEYJ392	Carbon	3.9K ohms 1/16W	
3.70	2SC3931-CD	Transistor for AW		R58	ERJ3GEYJ752	Carbon	7.5K ohms 1/16W	
044	0000004 0D	Tuanaistan		   R59	ERJ3GEYJ512	Carbon	5,1K ohms 1/16W	
Q41	2SC3931-CD	Transistor	*	l i	1	l .	5.6K ohms 1/16W	
Q42,43	2SD1819QRS	Transistor		R60	ERJ3GEYJ562	Carbon		
Q44	2SC3931-CD	Transistor		R61,62	ERJ3RHD331	Metal	330 ohms 1/16W	
Q45	2SD1819QRS	Transistor		R63	ERJ3GEYJ220	Carbon	22 ohms 1/16W	
D1,2	MA142K	Diode		R64	ERJ3GEYJ272	Carbon	2.7K ohms 1/16W	
D501	MA142K	Diode		R65	ERJ3RHD201	Metal	200 ohms 1/16W	
R1	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R66	ERJ3GEYJ103	Carbon	10K ohms 1/16W	
R2	ERJ3GEYJ220	Carbon	22 ohms 1/16W	R67	ERJ3GEYJ220	Carbon	22 ohms 1/16W	
	1		3.9K ohms 1/16W	R68	ERJ3GEYJ392	Carbon	3.9K ohms 1/16V	
R3 R4	ERJ3GEYJ392 ERJ3RHD202	Carbon Metal	2K ohms 1/16W	R69	ERJ3RHD332	Metal	3.3K ohms 1/16V	
							0.01( ) 4(40)	
₹5	ERJ3RHD392	Metal	3.9K ohms 1/16W	R70	ERJ3RHD392	Metal	3.9K ohms 1/16V	
R6	ERJ3GEYJ392	Carbon	3.9K ohms 1/16W	R71	ERJ3GEYJ392	Carbon	3.9K ohms 1/16V	
R8	ERJ3GEYJ752	Carbon	7.5K ohms 1/16W	R73	ERJ3GEYJ752	Carbon	7.5K ohms 1/16V	
R9	ERJ3GEYJ512	Carbon	5.1K ohms 1/16W	R74	ERJ3GEYJ512	Carbon	5.1K ohms 1/16V	
R10,11	ERJ3GEYJ362	Carbon	3.6K ohms 1/16W	R75	ERJ3GEYJ562	Carbon	5.6K ohms 1/16V	
D40 40	ED IODI IDOGA	Metal	930 ohmo 4/46\M	D76 77	ERJ3RHD331	Metal	330 ohms 1/16W	
R12,13	ERJ3RHD331	Metal	330 ohms 1/16W	R76,77		!	22 ohms 1/16W	
R14	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R78	ERJ3GEYJ220	Carbon		
R15	ERJ3GEYJ220	Carbon	22 ohms 1/16W	R79	ERJ3GEYJ272	Carbon	2.7K ohms 1/16V	
R16	ERJ3GEYJ392	Carbon	3.9K ohms 1/16W	R80	ERJ3GEYJ100	Carbon	10 ohms 1/16W	
R17	ERJ3RHD182	Metal	1.8K ohms 1/16W	R81,82	ERJ3GEYF750	Carbon	75 ohms 1/16W	
R18	ERJ3RHD392	Metal	3.9K ohms 1/16W	R83	ERJ3GEY0R00	Carbon	0 ohm 1/16W	
	ERJ3GEYJ392	Carbon	3.9K ohms 1/16W			<b>!</b>	501/USA/Canada	
R19		l		R84	ERJ3GEYJ103	Carbon	10K ohms 1/16V	
R21	ERJ3GEYJ752	Carbon	7.5K ohms 1/16W	F104	LINOGE 10100	foe AW-RF		
	ERJ3GEYJ512	Carbon	5.1K ohms 1/16W	11		Carbon		
R22 R23	ERJ3GEYJ562	Carbon	5.6K ohms 1/16W	R85	ERJ3GEYJ103		10K ohms 1/16\	

R86         ERJ3GEYJ333         Carbon           R87         ERJ3GEYJ102         Carbon           R88         ERJ3GEYJ331         Carbon           R89         ERJ3GEYJ103         Carbon           R90         ERJ3GEYJ681         Carbon           R91         ERJ3GEYJ103         Carbon           R92         ERJ3GEYJ681         Carbon           R93         ERJ3GEYJ221         Carbon           R94,95         ERJ3GEYJ221         Carbon           R96         ERJ3GEYJ152         Carbon           R97         ERJ3GEYJ152         Carbon           R98         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ272         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ272         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ102         Carbon           FR106         ERJ3GEYJ102         Carbon           R107         ERJ3GEYJ101         Carbon           R108         ERJ3GEYJ101         Carbon	1K ohms 1/16W 3 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R132 R133 R134 R135 R136 R137 R138 R139 R140 R141 R142 R143 R144 R146 R147 R148 R149 R150 R151	ERJ3GEY0R00 ERJ3GEYJ273 ERJ3GEYJ273 ERJ3RHD243 ERJ3GEYJ103 ERJ3GEYJ332 ERJ3GEYJ332 ERJ3GEYJ222 ERJ3GEYJ223 ERJ3GEYJ223 ERJ3GEYJ223 ERJ3GEYJ223 ERJ3GEYJ183 ERJ3GEYJ183 ERJ3GEYJ183 ERJ3GEYJ183 ERJ3GEYJ183 ERJ3GEYJ183 ERJ3GEYJ183 ERJ3GEYJ392 ERJ3GEYJ392 ERJ3GEYJ392 ERJ3GEYJ392 ERJ3GEYJ391 ERJ3GEYJ391	Metal for AW-RP501/I	18K ohms 1/16W 601/USA/Canada 18K ohms 1/16W
R88         ERJ3GEYJ331         Carbon           R89         ERJ3GEYJ103         Carbon           R90         ERJ3GEYJ103         Carbon           R91         ERJ3GEYJ103         Carbon           R92         ERJ3GEYJ681         Carbon           R93         ERJ3GEYJ221         Carbon           R94,95         ERJ3GEYJ473         Carbon           R96         ERJ3GEYJ104         Carbon           R97         ERJ3GEYJ104         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ272         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ222         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ822         Carbon           R105         ERJ3GEYJ105         Carbon           FR106         ERJ3GEYJ102         Carbon           FR107         ERJ3GEYJ101         Carbon           R108         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ102         Carb	330 ohms 1/16W 10K ohms 1/16W 680 ohms 1/16W 680 ohms 1/16W 680 ohms 1/16W 220 ohms 1/16W 2.2K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 3.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada 110 ohms 1/16W	R134 R135 R136 R137 R138 R139 R140 R141 R144 R146 R147 R148 R149 R150	ERJ3RHD243 ERJ3RHD163 ERJ3GEYJ103  ERJ3GEYJ332 ERJ3GEYJ681 ERJ3GEYJ222 ERJ3GEYJ223  ERJ3GEYJ223  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYJ183	Metal Metal Carbon  Carbon Carbon Carbon Carbon for AW-RP5  Metal for AW-RP5 Metal for AW-RP5  Metal for AW-RP5  Carbon	24K ohms 1/16W 16K ohms 1/16W 10K ohms 1/16W 3.3K ohms 1/16W 680 ohms 1/16W 2.2K ohms 1/16W 22K ohms 1/16W 601/USA/Canada 22K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 601/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 560 ohms 1/16W 560 ohms 1/16W
R89         ERJ3GEYJ103         Carbon           R90         ERJ3GEYJ681         Carbon           R91         ERJ3GEYJ103         Carbon           R92         ERJ3GEYJ681         Carbon           R93         ERJ3GEYJ221         Carbon           R94,95         ERJ3GEYJ473         Carbon           R96         ERJ3GEYJ104         Carbon           R97         ERJ3GEYJ104         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ271         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ222         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ822         Carbon           R105         ERJ3GEYJ105         Carbon           FR106         ERJ3GEYJ102         Carbon           FR107         ERJ3GEYJ101         Carbon           FR108         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ102         Carbon           R110         ERJ3GEYJ102         Ca	10K ohms 1/16W 680 ohms 1/16W 10K ohms 1/16W 680 ohms 1/16W 220 ohms 1/16W 47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada 110 ohms 1/16W	R135 R136 R137 R138 R139 R140 R141 R142 R143 R144 R146 R147 R148 R149 R150	ERJ3RHD163 ERJ3GEYJ103  ERJ3GEYJ332 ERJ3GEYJ681 ERJ3GEYJ222 ERJ3GEYJ223  ERJ3GEYJ223  ERJ3GEYJ183	Metal Carbon Carbon Carbon Carbon Carbon for AW-RP5 Metal for AW-RP5 Metal for AW-RP5 Carbon	16K ohms 1/16W 10K ohms 1/16W 3.3K ohms 1/16W 680 ohms 1/16W 2.2K ohms 1/16W 22K ohms 1/16W 501/USA/Canada 22K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 12K ohms 1/16W 500 ohms 1/16W 500 ohms 1/16W
R89         ERJ3GEYJ103         Carbon           R90         ERJ3GEYJ681         Carbon           R91         ERJ3GEYJ681         Carbon           R92         ERJ3GEYJ681         Carbon           R93         ERJ3GEYJ221         Carbon           R94,95         ERJ3GEYJ473         Carbon           R96         ERJ3GEYJ104         Carbon           R97         ERJ3GEYJ102         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ272         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ222         Carbon           R103         ERJ3GEYJ105         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ102         Carbon           FR106         ERJ3GEYJ102         Carbon           FR107         ERJ3GEYJ101         Carbon           R108         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ102         Carbon           R110         ERJ3GEYJ102         Car	10K ohms 1/16W 10K ohms 1/16W 680 ohms 1/16W 220 ohms 1/16W 47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R136 R137 R138 R139 R140 R141  R142 R143 R144 R146  R147 R148 R149 R150	ERJ3GEYJ103  ERJ3GEYJ332  ERJ3GEYJ681  ERJ3GEYJ222  ERJ3GEYJ223  ERJ3GEYJ223  ERJ3GEYJ183	Carbon  Carbon  Carbon  Carbon  Carbon  for AW-RP5  Metal  for AW-RP5  Metal  for AW-RP5  Carbon  Carbon	3.3K ohms 1/16W 3.3K ohms 1/16W 680 ohms 1/16W 2.2K ohms 1/16W 22K ohms 1/16W 501/USA/Canada 22K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 601/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 12K ohms 1/16W 500 ohms 1/16W 2.2K ohms 1/16W 500 ohms 1/16W
R90         ERJ3GEYJ681         Carbon           R91         ERJ3GEYJ103         Carbon           R92         ERJ3GEYJ681         Carbon           R93         ERJ3GEYJ221         Carbon           R94,95         ERJ3GEYJ473         Carbon           R96         ERJ3GEYJ104         Carbon           R97         ERJ3GEYJ104         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ272         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ822         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ102         Carbon           FRJ3GEYJ102         Carbon         for AW-RP501/B/           Carbon         for AW-RP501/B/         Carbon           R106         ERJ3GEYJ101         Carbon           R107         ERJ3GEYJ101         Carbon           R108         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ105         Carbon           R111         ERJ3GEYJ102	10K ohms 1/16W 10K ohms 1/16W 680 ohms 1/16W 220 ohms 1/16W 47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R136 R137 R138 R139 R140 R141  R142 R143 R144 R146  R147 R148 R149 R150	ERJ3GEYJ103  ERJ3GEYJ332  ERJ3GEYJ681  ERJ3GEYJ222  ERJ3GEYJ223  ERJ3GEYJ223  ERJ3GEYJ183	Carbon  Carbon  Carbon  Carbon  Carbon  for AW-RP5  Metal  for AW-RP5  Metal  for AW-RP5  Carbon  Carbon	3.3K ohms 1/16W 680 ohms 1/16W 2.2K ohms 1/16W 2.2K ohms 1/16W 601/USA/Canada 22K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 601/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R92         ERJ3GEYJ681         Carbon           R93         ERJ3GEYJ221         Carbon           R94,95         ERJ3GEYJ473         Carbon           R96         ERJ3GEYJ104         Carbon           R97         ERJ3GEYJ152         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ272         Carbon           R101         ERJ3GEYJ272         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ102         Carbon           FR106         ERJ3GEYJ102         Carbon           FR107         ERJ3GEYJ111         Carbon           FR108         ERJ3GEYJ101         Carbon           FR109         ERJ3GEYJ101         Carbon           R110         ERJ3GEYJ151         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ105         Carbon           R113         ERJ3GEYJ102         Carbon           R114         ERJ3GEYJ102         Carbon           R115         ERJ3GEYJ102 <t< td=""><td>680 ohms 1/16W 220 ohms 1/16W 47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada</td><td>R138 R139 R140 R141 R141 R142 R143 R144 R146 R147 R148 R149 R150</td><td>ERJ3GEYJ681 ERJ3GEYJ222 ERJ3GEYJ223  ERJ3RHD223  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYOR00 ERJ3GEYJ392 ERJ3GEYJ392 ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ103 ERJ3GEYJ561</td><td>Carbon Carbon Carbon for AW-RP5 Metal for AW-RP5 Metal for AW-RP5 Carbon Carbon</td><td>680 ohms 1/16W 2.2K ohms 1/16W 22K ohms 1/16W 501/USA/Canada  22K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W</td></t<>	680 ohms 1/16W 220 ohms 1/16W 47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R138 R139 R140 R141 R141 R142 R143 R144 R146 R147 R148 R149 R150	ERJ3GEYJ681 ERJ3GEYJ222 ERJ3GEYJ223  ERJ3RHD223  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYOR00 ERJ3GEYJ392 ERJ3GEYJ392 ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ103 ERJ3GEYJ561	Carbon Carbon Carbon for AW-RP5 Metal for AW-RP5 Metal for AW-RP5 Carbon	680 ohms 1/16W 2.2K ohms 1/16W 22K ohms 1/16W 501/USA/Canada  22K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 601/USA/Canada 18K ohms 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R92         ERJ3GEYJ681         Carbon           R93         ERJ3GEYJ221         Carbon           R94,95         ERJ3GEYJ473         Carbon           R96         ERJ3GEYJ104         Carbon           R97         ERJ3GEYJ152         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ272         Carbon           R101         ERJ3GEYJ272         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ102         Carbon           FR106         ERJ3GEYJ102         Carbon           FR107         ERJ3GEYJ111         Carbon           FR108         ERJ3GEYJ101         Carbon           FR109         ERJ3GEYJ101         Carbon           R110         ERJ3GEYJ151         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ105         Carbon           R113         ERJ3GEYJ102         Carbon           R114         ERJ3GEYJ102         Carbon           R115         ERJ3GEYJ102 <t< td=""><td>220 ohms 1/16W 47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada</td><td>R138 R139 R140 R141 R141 R142 R143 R144 R146 R147 R148 R149 R150</td><td>ERJ3GEYJ681 ERJ3GEYJ222 ERJ3GEYJ223  ERJ3RHD223  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYOR00 ERJ3GEYJ392 ERJ3GEYJ392 ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ103 ERJ3GEYJ561</td><td>Carbon Carbon Carbon for AW-RP5 Metal for AW-RP5 Metal for AW-RP5 Carbon Carbon</td><td>2.2K ohms 1/16W 22K ohms 1/16W 501/USA/Canada  22K ohms 1/16W B/G 18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G  0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W</td></t<>	220 ohms 1/16W 47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R138 R139 R140 R141 R141 R142 R143 R144 R146 R147 R148 R149 R150	ERJ3GEYJ681 ERJ3GEYJ222 ERJ3GEYJ223  ERJ3RHD223  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYOR00 ERJ3GEYJ392 ERJ3GEYJ392 ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ103 ERJ3GEYJ561	Carbon Carbon Carbon for AW-RP5 Metal for AW-RP5 Metal for AW-RP5 Carbon	2.2K ohms 1/16W 22K ohms 1/16W 501/USA/Canada  22K ohms 1/16W B/G 18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G  0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R93         ERJ3GEYJ221         Carbon           R94,95         ERJ3GEYJ473         Carbon           R96         ERJ3GEYJ104         Carbon           R97         ERJ3GEYJ152         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ272         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ272         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ105         Carbon           FR106         ERJ3GEYJ102         Carbon           FR107         ERJ3GEYJ102         Carbon           FR108         ERJ3GEYJ101         Carbon           FR109         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ102         Carbon           R110         ERJ3GEYJ102         Carbon           R111         ERJ3GEYJ102         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         <	220 ohms 1/16W 47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 2.7K ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R139 R140 R141 R142 R143 R144 R146 R147 R148 R149 R150	ERJ3GEYJ222 ERJ3GEYJ223  ERJ3RHD223  ERJ3GEYJ183  ERJ3GEYJ183  ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ273 ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ561	Carbon Carbon for AW-RP5 Metal for AW-RP5 Metal for AW-RP5 Metal for AW-RP5 Carbon	2.2K ohms 1/16W 22K ohms 1/16W 501/USA/Canada  22K ohms 1/16W B/G 18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G  0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R94,95         ERJ3GEYJ473         Carbon           R96         ERJ3GEYJ104         Carbon           R97         ERJ3GEYJ152         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ272         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ272         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ105         Carbon           FR106         ERJ3GEYJ102         Carbon           FR107         ERJ3GEYJ102         Carbon           FR108         ERJ3GEYJ101         Carbon           FR109         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ102         Carbon           R111         ERJ3GEYJ103         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ682	47K ohms 1/16W 220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 270 ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R140 R141 R142 R143 R144 R146 R147 R148 R149 R150	ERJ3GEYJ223  ERJ3RHD223  ERJ3GEYJ183  ERJ3GEYJ0R00  ERJ3GEYJ392  ERJ3GEYJ273  ERJ3GEYJ123  ERJ3GEYJ123  ERJ3GEYJ103  ERJ3GEYJ222  ERJ3GEYJ561	Carbon for AW-RP5  Metal for AW-RP501// Carbon for AW-RP5  Metal for AW-RP5  Carbon	22K ohms 1/16W B/G 18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R96         ERJ3GEYJ221         Carbon           R97         ERJ3GEYJ104         Carbon           R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ271         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ822         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ472         Carbon           FR106         ERJ3GEYJ511         Carbon           FR107         ERJ3GEYJ102         Carbon           FR108         ERJ3GEYJ101         Carbon           FR109         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ101         Carbon           R110         ERJ3GEYJ151         Carbon           R111         ERJ3GEYJ105         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ682 <t< td=""><td>220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 270 ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada</td><td>R141 R142 R143 R144 R146 R147 R148 R149 R150</td><td>ERJ3RHD223 ERJ3GEYJ183 ERJ3GEYJ0R00 ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ123 ERJ3GEYJ123 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561</td><td>for AW-RP5  Metal for AW-RP501// Carbon for AW-RP5  Metal for AW-RP5  Carbon Carbon</td><td>22K ohms 1/16W B/G 18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W</td></t<>	220 ohms 1/16W 100K ohms 1/16W 1.5K ohms 1/16W 2.2K ohms 1/16W 270 ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R141 R142 R143 R144 R146 R147 R148 R149 R150	ERJ3RHD223 ERJ3GEYJ183 ERJ3GEYJ0R00 ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ123 ERJ3GEYJ123 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	for AW-RP5  Metal for AW-RP501// Carbon for AW-RP5  Metal for AW-RP5  Carbon	22K ohms 1/16W B/G 18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ221         Carbon           R100         ERJ3GEYJ271         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ822         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ472         Carbon           for AW-RP501/US         ERJ3GEYJ102         Carbon           for AW-RP501/US         ERJ3GEYJ111         Carbon           for AW-RP501/US         Carbon         for AW-RP501/US           ERJ3GEYJ111         Carbon         for AW-RP501/US           ERJ3GEYJ111         Carbon         for AW-RP501/US           ERJ3GEYJ101         Carbon         for AW-RP501/US           R108         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ105         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         Carbon	1.5K ohms 1/16W 2.2K ohms 1/16W 270 ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R142 R143 R144 R146 R147 R148 R149 R150	ERJ3GEYJ183  ERJ3GEYOR00  ERJ3GEYJ392  ERJ3GEYJ273  ERJ3GEYJ123  ERJ3GEYJ103  ERJ3GEYJ103  ERJ3GEYJ222  ERJ3GEYJ561	for AW-RP501// Carbon for AW-RP5 Metal for AW-RP5  Carbon	B/G 18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R98         ERJ3GEYJ152         Carbon           R99         ERJ3GEYJ221         Carbon           R100         ERJ3GEYJ271         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ822         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ472         Carbon           for AW-RP501/US         ERJ3GEYJ102         Carbon           for AW-RP501/US         ERJ3GEYJ111         Carbon           for AW-RP501/US         Carbon         for AW-RP501/US           ERJ3GEYJ111         Carbon         for AW-RP501/US           ERJ3GEYJ111         Carbon         for AW-RP501/US           ERJ3GEYJ101         Carbon         for AW-RP501/US           R108         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ105         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         Carbon	1.5K ohms 1/16W 2.2K ohms 1/16W 270 ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 6A/Canada 110 ohms 1/16W 6A/Canada	R142 R143 R144 R146 R147 R148 R149 R150	ERJ3GEYJ183  ERJ3GEYOR00  ERJ3GEYJ392  ERJ3GEYJ273  ERJ3GEYJ123  ERJ3GEYJ103  ERJ3GEYJ103  ERJ3GEYJ222  ERJ3GEYJ561	for AW-RP501// Carbon for AW-RP5 Metal for AW-RP5  Carbon	B/G 18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R99         ERJ3GEYJ222         Carbon           R100         ERJ3GEYJ271         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYJ822         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ472         Carbon           for AW-RP501/US         ERJ3GEYJ102         Carbon           for AW-RP501/US         Carbon         for AW-RP501/US           ERJ3GEYJ111         Carbon         for AW-RP501/US           ERJ3GEYJ111         Carbon         for AW-RP501/US           ERJ3GEYJ111         Carbon         for AW-RP501/US           ERJ3GEYJ101         Carbon         for AW-RP501/US           R108         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ105         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         Carbon           R117         ERJ3GEYJ102         Carbon	2.2K ohms 1/16W 270 ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W G 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R142 R143 R144 R146 R147 R148 R149 R150	ERJ3RHD183  ERJ3GEY0R00 ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ123  ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	Carbon for AW-RP5 Metal for AW-RP5 Carbon	18K ohms 1/16W 501/USA/Canada 18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R100         ERJ3GEYJ271         Carbon           R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEYOR00         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ472         Carbon           for AW-RP501/US         ERJ3GEYJ102         Carbon           for AW-RP501/US         Carbon         for AW-RP501/US           R106         ERJ3GEYJ511         Carbon           for AW-RP501/US         Carbon         for AW-RP501/US           R107         ERJ3GEYJ101         Carbon           R108         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ681         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         Carbon           R117         ERJ3GEYJ750         Carbon           R119 <td>270 ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W G 510 ohms 1/16W 6A/Canada 110 ohms 1/16W</td> <td>R142 R143 R144 R146 R147 R148 R149 R150</td> <td>ERJ3RHD183  ERJ3GEY0R00 ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ123  ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561</td> <td>for AW-RP5 Metal for AW-RP5 Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon</td> <td>301/USA/Canada 18K ohms 1/16W 301/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W</td>	270 ohms 1/16W 2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W G 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R142 R143 R144 R146 R147 R148 R149 R150	ERJ3RHD183  ERJ3GEY0R00 ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ123  ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	for AW-RP5 Metal for AW-RP5 Carbon	301/USA/Canada 18K ohms 1/16W 301/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R101         ERJ3GEYJ272         Carbon           R102         ERJ3GEY0R00         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ472         Carbon           for AW-RP501/US         ERJ3GEYJ102         Carbon           for AW-RP501/US         Carbon         for AW-RP501/US           R106         ERJ3GEYJ511         Carbon           for AW-RP501/US         Carbon         for AW-RP501/US           R107         ERJ3GEYJ101         Carbon           R108         ERJ3GEYJ101         Carbon           R109         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ151         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         Carbon           R117         ERJ3GEYJ1682         Carbon           R118         ERJ3GEYJ750         Carbon           R119 <td>2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W G 510 ohms 1/16W 6A/Canada 110 ohms 1/16W</td> <td>R143 R144 R146 R147 R148 R149 R150</td> <td>ERJ3GEY0R00 ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ123 ERJ3GEYJ822 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561</td> <td>Metal for AW-RP5  Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon</td> <td>18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W</td>	2.7K ohms 1/16W 0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W G 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R143 R144 R146 R147 R148 R149 R150	ERJ3GEY0R00 ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ123 ERJ3GEYJ822 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	Metal for AW-RP5  Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon	18K ohms 1/16W 501/B/G 0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R102         ERJ3GEY0R00         Carbon           R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ472         Carbon           FR105         ERJ3GEYJ102         Carbon           for AW-RP501/US         For AW-RP501/US           R106         ERJ3GEYJ511         Carbon           FRJ3GEYJ111         Carbon         for AW-RP501/US           Carbon         for AW-RP501/US         Carbon           R107         ERJ3GEYJ101         Carbon           R108         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ151         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         Carbon           R117         ERJ3GEYJ1682         Carbon           R119         ERJ3GEYJ750         Carbon           R119         ERJ3GEYJ154	0 ohm 1/16W 8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W G 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R143 R144 R146 R147 R148 R149 R150	ERJ3GEY0R00 ERJ3GEYJ392 ERJ3GEYJ273 ERJ3GEYJ123 ERJ3GEYJ822 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	for AW-RP5 Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon	0 ohm 1/16W 3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R103         ERJ3GEYJ822         Carbon           R104         ERJ3GEYJ105         Carbon           R105         ERJ3GEYJ472         Carbon           FR106         ERJ3GEYJ102         Carbon           FR106         ERJ3GEYJ511         Carbon           FR107         ERJ3GEYJ111         Carbon           FR108         ERJ3GEYJ101         Carbon           FR109         ERJ3GEYJ472         Carbon           R110         ERJ3GEYJ151         Carbon           R111         ERJ3GEYJ163         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ102         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ102         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ102         Carbon           R119         ERJ3GEYJ750         Carbon           R119         ERJ3GEYJ154         Carbon	8.2K ohms 1/16W 1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 3 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R143 R144 R146 R147 R148 R149 R150	ERJ3GEYJ392 ERJ3GEYJ123 ERJ3GEYJ123 ERJ3GEYJ822 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon	3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R104         ERJ3GEYJ105         Carbon Carbon for AW-RP501/US           R105         ERJ3GEYJ102         Carbon for AW-RP501/US           ERJ3GEYJ102         Carbon for AW-RP501/B/           R106         ERJ3GEYJ511         Carbon for AW-RP501/US           ERJ3GEYJ111         Carbon for AW-RP501/US           ERJ3GEYJ101         Carbon for AW-RP501/B/           R107         ERJ3GEYJ101         Carbon Carbon for AW-RP501/B/           R108         ERJ3GEYJ171         Carbon C	1M ohms 1/16W 4.7K ohms 1/16W 6A/Canada  1K ohms 1/16W 3 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R143 R144 R146 R147 R148 R149 R150	ERJ3GEYJ392 ERJ3GEYJ123 ERJ3GEYJ123 ERJ3GEYJ822 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon	3.9K ohms 1/16W 27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R105         ERJ3GEYJ472         Carbon for AW-RP501/US           ERJ3GEYJ102         Carbon for AW-RP501/B/           R106         ERJ3GEYJ511         Carbon for AW-RP501/US           ERJ3GEYJ111         Carbon for AW-RP501/US           ERJ3GEYJ111         Carbon for AW-RP501/B/           R107         ERJ3GEYJ101         Carbon Carbon for AW-RP501/B/           R108         ERJ3GEYJ172         Carbon	4.7K ohms 1/16W 6A/Canada 1K ohms 1/16W 3 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R144 R146 R147 R148 R149 R150	ERJ3GEYJ273 ERJ3GEYJ123 ERJ3GEYJ822 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	Carbon Carbon Carbon Carbon Carbon Carbon Carbon	27K ohms 1/16W 12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
ERJ3GEYJ102 Carbon for AW-RP501/US  ERJ3GEYJ511 Carbon for AW-RP501/US  ERJ3GEYJ111 Carbon for AW-RP501/US  ERJ3GEYJ101 Carbon for AW-RP501/US  Carbon for AW-RP501/US  Carbon Carbon Carbon ERJ3GEYJ151 Carbon  ERJ3GEYJ151 Carbon  ERJ3GEYJ151 Carbon  R110 ERJ3GEYJ165 Carbon  R111 ERJ3GEYJ102 Carbon  R112 ERJ3GEYJ102 Carbon  R113 ERJ3GEYJ102 Carbon  R115 ERJ3GEYJ102 Carbon  R116 ERJ3GEYJ102 Carbon  R117 ERJ3GEYJ102 Carbon  R118 ERJ3GEYJ102 Carbon  R119 ERJ3GEYJ500 Carbon  R119 ERJ3GEYJ500 Carbon  R119 ERJ3GEYJ750 Carbon  ERJ3GEYJ154 Carbon	A/Canada 1K ohms 1/16W G 510 ohms 1/16W GA/Canada 110 ohms 1/16W	R147 R148 R149 R150	ERJ3GEYJ123  ERJ3GEYJ822 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	Carbon Carbon Carbon Carbon Carbon	12K ohms 1/16W 8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
ERJ3GEYJ102 Carbon for AW-RP501/B/ Carbon for AW-RP501/US ERJ3GEYJ111 Carbon for AW-RP501/US ERJ3GEYJ101 Carbon for AW-RP501/B/ Carbon for AW-RP501/B/ Carbon for AW-RP501/B/ Carbon Carbon ERJ3GEYJ101 Carbon Carbon R109 ERJ3GEYJ151 Carbon R110 ERJ3GEYJ151 Carbon R111 ERJ3GEYJ105 Carbon R112 ERJ3GEYJ102 Carbon R113 ERJ3GEYJ102 Carbon R115 ERJ3GEYJ102 Carbon R116 ERJ3GEYJ102 Carbon R116 ERJ3GEYJ102 Carbon R117 ERJ3GEYJ102 Carbon R118 ERJ3GEYJ102 Carbon R119 ERJ3GEYJ102 Carbon R110 ERJ3GEYJ102 Carbon R110 ERJ3GEYJ102 Carbon R1110 ERJ3GEYJ102 Carbon R1111 ERJ3GEYJ102 Carbon R1112 ERJ3GEYJ102 Carbon R1120 ERJ3GEYJ154 Carbon Carbon	1K ohms 1/16W 3 510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R147 R148 R149 R150	ERJ3GEYJ822 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	Carbon Carbon Carbon Carbon	8.2K ohms 1/16W 10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R106	G 510 ohms 1/16W GA/Canada 110 ohms 1/16W	R148 R149 R150	ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ561	Carbon Carbon Carbon	10K ohms 1/16W 2.2K ohms 1/16W 560 ohms 1/16W
R106         ERJ3GEYJ511         Carbon for AW-RP501/US Carbon for AW-RP501/US Carbon for AW-RP501/B/           R107         ERJ3GEYJ101         Carbon for AW-RP501/B/           R108         ERJ3GEYJ472         Carbon Carbon Carbon Carbon Carbon           R110         ERJ3GEYJ151         Carbon Carbon Carbon Carbon           R111         ERJ3GEYJ105         Carbon	510 ohms 1/16W 6A/Canada 110 ohms 1/16W	R149 R150	ERJ3GEYJ222 ERJ3GEYJ561	. Carbon Carbon	2.2K ohms 1/16W 560 ohms 1/16W
FRJ3GEYJ111   Carbon   for AW-RP501/US	SA/Canada 110 ohms 1/16W	R150	ERJ3GEYJ561	Carbon	560 ohms 1/16W
ERJ3GEYJ111   Carbon   for AW-RP501/US	SA/Canada 110 ohms 1/16W	R150		Carbon	
ERJ3GEYJ111 Carbon for AW-RP501/B/ R107 ERJ3GEYJ101 Carbon R108 ERJ3GEYJ472 Carbon R109 ERJ3GEYJ151 Carbon R110 ERJ3GEYJ681 Carbon R111 ERJ3GEYJ105 Carbon R112 ERJ3GEYJ102 Carbon R113 ERJ3GEYJ102 Carbon R115 ERJ3GEYJ102 Carbon R116 ERJ3GEYJ102 Carbon R116 ERJ3GEYJ102 Carbon R117 ERJ3GEYJ102 Carbon R118 ERJ3GEYJ582 Carbon R119 ERJ3GEYJ50 Carbon R119 ERJ3GEYJ50 Carbon R120 ERJ3GEYJ154 Carbon	110 ohms 1/16W				390 ohms 1/16W
R107         ERJ3GEYJ101         Carbon           R108         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ161         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	3	1			
R108         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ681         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon				1	
R108         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ681         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon		R152	ERJ3GEYJ561	Carbon	560 ohms 1/16W
R108         ERJ3GEYJ472         Carbon           R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ681         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	100 ohms 1/16W	R153	ERJ3GEYJ391	Carbon	390 ohms 1/16W
R109         ERJ3GEYJ151         Carbon           R110         ERJ3GEYJ681         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	4.7K ohms 1/16W	R154	ERJ3GEYJ471	Carbon	470 ohms 1/16W
R110         ERJ3GEYJ681         Carbon           R111         ERJ3GEYJ105         Carbon           R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	150 ohms 1/16W	R155	ERJ3GEYJ333	Carbon	33K ohms 1/16W
R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	680 ohms 1/16W	R156	ERJ3GEYJ561	Carbon	560 ohms 1/16W
R112         ERJ3GEYJ102         Carbon           R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	1M ohms 1/16W	R157	ERJ3GEYJ392	Carbon	3.9K ohms 1/16W
R113         ERJ3GEYJ103         Carbon           R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	1K ohms 1/16W	R158	ERJ3GEYJ183	Carbon	18K ohms 1/16W
R115         ERJ3GEYJ102         Carbon           R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ1682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	10K ohms 1/16W	R159	ERJ3GEYJ133	Carbon	13K ohms 1/16W
R116         ERJ3GEYJ822         Carbon           R117         ERJ3GEYJ102         Carbon           R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	1K ohms 1/16W	R160	ERJ3GEYJ123	Carbon	12K ohms 1/16W
R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	8.2K ohms 1/16W	R161	ERJ3GEYJ153	Carbon	15K ohms 1/16W
R118         ERJ3GEYJ682         Carbon           R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	1K ohms 1/16W	R162	ERJ3GEYJ242	Carbon	2.4K ohms 1/16W
R119         ERJ3GEYJ750         Carbon           R120         ERJ3GEYJ154         Carbon	6.8K ohms 1/16W	R163	ERJ3RHD562	Metal	5.6K ohms 1/16W
R120 ERJ3GEYJ154 Carbon	75 ohms 1/16W	R164	ERJ3GEY0R00	Carbon	0 ohm 1/16W
	150K ohms 1/16W	R165	ERJ3RHD112	Metal	1.1K ohms 1/16W
R121 ERJ3GEYJ104 Carbon	100K ohms 1/16W	R166	ERJ3RHD472	Metal	4.7K ohms 1/16W
D100 ED ISCEV ISOS	2 0V ohmo +/16W/	D167	ED INCEVIOUS	Corbon	2.2K ohms 1/16W
R122 ERJ3GEYJ392 Carbon	3.9K ohms 1/16W	R167	ERJ3GEYJ222	Carbon	
R123 ERJ3GEYJ242 Carbon	2.4K ohms 1/16W	R168	ERJ3GEYJ242	Carbon	2.4K ohms 1/16W
R124 ERJ3GEYJ222 Carbon	2.2K ohms 1/16W	R169	ERJ3GEYJ243	Carbon	24K ohms 1/16W
R125 ERJ3GEYJ332 Carbon R126 ERJ3GEYJ242 Carbon	3.3K ohms 1/16W 2.4K ohms 1/16W	R170 R171	ERJ3GEYJ183 ERJ3GEYJ272	Carbon Carbon	18K ohms 1/16W 2.7K ohms 1/16W
					g miz iti i atamist
R127 ERJ3GEYJ103 Carbon	10K ohms 1/16W	R172	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W
R128 ERJ3GEYJ562 Carbon	5.6K ohms 1/16W	R173	ERJ3GEYJ272	Carbon	2.7K ohms 1/16W
R129 ERJ3GEYJ621 Carbon	620 ohms 1/16W				501/USA/Canada
R130 ERJ3GEYJ684 Carbon			ERJ3RHD272	Metal	2.7K ohms 1/16W
R131 ERJ3GEYJ562 Carbon	680K ohms 1/16W		1	for AW-RP	501/B/G

REF. NO.	PART NO.	, DESCRIPTION		REF. NO.	PART NO.	DESCRIPTION	
R174	ERJ3GEYJ122	Carbon	1.2K ohms 1/16W	R534	ERJ3GEYJ201	Carbon	200 ohms 1/16W
		for AW-RP501/	/USA/Canada	R535	ERJ3GEYJ333	Carbon	33K ohms 1/16W
	ERJ3RHD122	Metal	1.2K ohms 1/16W	R539	ERJ3GEYJ201	Carbon	200 ohms 1/16W
	LITOOTTI DIZE	for AW-RP501/		R547	ERJ3GEYJ201	Carbon	200 ohms 1/16W
3475	ED IOCEVITED		1.5K ohms 1/16W	11047	LINGGETGEGT	1 * *	1/USA/Canada
R175	ERJ3GEYJ152	Carbon				101 744-111 00	1/00//04/1444
		for AW-RP501/	/USA/Canada		ED IOOEV HOT	Carbon	100 ohms 1/16W
		1			ERJ3GEYJ101		
	ERJ3RHD821	Metal	820 ohms 1/16W		ED 100E) (1004	for AW-RP50	200 ohms 1/16W
		for AW-RP501/	·	R548-557	ERJ3GEYJ201	Carbon	
R176-178	ERJ3GEYJ561	Carbon	560 ohms 1/16W	R558	ERJ3GEYJ470	Carbon	47 ohms 1/16W
7179	ERJ3GEYJ682	Carbon	6.8K ohms 1/16W			for AW-RP50	1/B/G
R180	ERJ3GEYJ471	Carbon	470 ohms 1/16W	R559-562	ERJ3GEYJ201	Carbon	200 ohms 1/16W
R181	ERJ3GEYJ561	Carbon	560 ohms 1/16W	R563	ERJ3GEY0R00	Carbon	0 ohm 1/16W
1101	LI 100GL 30001	for AW-RP501/		R564	ERJ3GEYJ201	Carbon	200 ohms 1/16W
	ERJ3RHD561	Metal	560 ohms 1/16W	R565-569	ERJ3GEY0R00	Carbon	0 ohm 1/16W
	EHINUDOI			R570	ERJ3GEYJ201	Carbon	200 ohms 1/16W
		for AW-RP501	/B/G	H5/U	ENJOGETJ201		1/USA/Canada
R182	ERJ3GEYJ102	Carbon	1K ohms 1/16W			for AW-RP50	1/USA/Canada
1102	EnJoGETJTOZ	for AW-RP501			ERJ3GEYJ101	Carbon	100 ohms 1/16W
	ED IODI ID 100		1K ohms 1/16W		LINGGLIOIO	for AW-RP50	7.7.7
	ERJ3RHD102	Metal		D574 500	ED 100EV 1004	Carbon	200 ohms 1/16W
,		for AW-RP501		R571-589	ERJ3GEYJ201	1	4.7K ohms 1/16W
R183	ERJ3GEY0R00	Carbon	0 ohm 1/16W	R590-612	ERJ3GEYJ472	Carbon	4./ N OHIHS 1/1044
		for AW-RP501	/USA/Canada				000 1 4/4014/
				R613-630	ERJ3GEYJ201	Carbon	200 ohms 1/16W
	ERJ3RHD560	Carbon	56 ohms 1/16W	R631	ERJ3GEYJ273	Carbon	27K ohms 1/16W
		for AW-RP501	/B/G	R632,633	ERJ3GEY0R00	Carbon	0 ohm 1/16W
R184	ERJ3GEYJ101	Carbon	100 ohms 1/16W	R634,635	ERJ3GEYJ201	Carbon	200 ohms 1/16W
R185	ERJ3RHD113	Metal	11K ohms 1/16W	R648-652	ERJ3GEYJ473	Carbon	47K ohms 1/16W
D400	ERJ3RHD682	Metai	6.8K ohms 1/16W	R657	ERJ3GEY0R00	Carbon	0 ohm 1/16W
R186			,	R1001,1002	ERJ6GEY0R00	Carbon	0 ohm 1/16W
R187	ERJ3GEYJ222	Carbon	2.2K ohms 1/16W	1 1001,1002	Enouge Tonou	for AW-RP50	
R188	ERJ3GEYJ102	Carbon	1K ohms 1/16W		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	47 μ <b>F</b> 16V
R189,190	ERJ3GEYJ222	Carbon	2.2K ohms 1/16W	C1	YWRVS1C470M	Electrolytic	•
R191	ERJ3GEYJ562	Carbon	5.6K ohms 1/16W	C2,4	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R193	ERJ3GEYJ154	Carbon	150K ohms 1/16W	C6	YWRVS1C220M	Electrolytic	22 µF 16V
R194	ERJ3GEYJ104	Carbon	100K ohms 1/16W	C8	YWRVS1C470M	Electrolytic	47 µF 16V
R195	ERJ3GEYJ332	Carbon	3.3K ohms 1/16W	C9	YGM1F104Z1ET	Ceramic	0.1 μF 25V
	ERJ3GEYJ222	Carbon	2.2K ohms 1/16W	C12	YWRVS1C220M	Electrolytic	22 μF 16V
R196			3.3K ohms 1/16W	C13	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R197,198	ERJ3GEYJ332	Carbon	3.3K OHHIS I/TOW	013	1GW11 1042121	Ceramic	0.1 p. 20 t
R199	ERJ3GEYJ101	Carbon	100 ohms 1/16W	C14	YWRVS1C470M	Electrolytic	47 µF 16V
R200	ERJ3GEYJ103	Carbon	10K ohms 1/16W	C15	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R201	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	C16	YWRVS1C470M	Electrolytic	47 μF 16V
R202	ERJ3GEYJ750	Carbon	75 ohms 1/16W	C17-19	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R211	ERJ3GEYJ103	Carbon	10K ohms 1/16W	C20	YWRVS1C470M	Electrolytic	47 µF 16V
<b>-</b>			0 OK -1 44 OM	004.00	VOM15104745T	Caramia	0.1 tr E 25V
R212	ERJ3RHD822	Metal	8.2K ohms 1/16W	C21-26	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R213	ERJ3RHD433	Metal	43K ohms 1/16W	C27	YW5CH100J5VT	Ceramic	10 pF
R214-216	ERJ3GEY0R00	Carbon	0 ohm 1/16W	C28	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R501-525	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	C29	YW5CH102J5VT	Ceramic	1000 pF
R526-528	ERJ3GEYJ104	Carbon	100K ohms 1/16W	C30-33	YGM1F104Z1ET	Ceramic	0.1 µF 25V
R529	ERJ3GEYJ105	Carbon	1M ohms 1/16W	C35	YWRVS1C220M	Electrolytic	22 µF 16V
	ERJ3GEYJ101	Carbon	100 ohms 1/16W	C36	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R530		3		1 1	YWRVS1C470M	Electrolytic	47 µF 16V
R531	ERJ3GEYJ104	Carbon	100K ohms 1/16W	C37		Ceramic	0.1 μF 25V
R532	ERJ3GEYJ222	Carbon	2.2K ohms 1/16W	C38	YGM1F104Z1ET	1	15 pF
		Carbon	100 ohms 1/16W	C39	YW5CH150J5VT	Ceramic	א כו
R533	ERJ3GEYJ101	Carbon	100 011110 171011	1 000			•

REF. NO.	PART NO.	DE	SCRIPTION	REF. NO.	PART NO.	DE	SCRIPTION
C41	YWRVS1C220M	Electrolytic	22 µ F 16V		YGM1C330J1HT	Ceramic	33 pF
C42,43	YGM1F104Z1ET	Ceramic	0.1 μF 25V			for AW-RP50	)1/B/G
C44	YWSK1C105KRA	Tantalum	1 μF 16V	C89	YWRVS1C470M	Electrolytic	47 µF 16V
C45	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C90,91	YWRVS1C220M	Electrolytic	22 µF 16V
C46	YWRVS1C470M	Electrolytic	47 µF 16V				
				C93	YWCH511J5VT	Ceramic	510 pF
C47	YGM1F104Z1ET	Ceramic	0.1 μ <b>F</b> 25V	C94,95	YGM1F104Z1ET	Ceramic	0.1 μ <b>F</b> 25V
C48	YWRVJ1C221M	Electrolytic	220 µF 16V	C96	YW5CH471J5VT	Ceramic	470 pF
C49	YWRVS1E100M	Electrolytic	10 μF 25V	C98	YGM1F104Z1ET	Ceramic	0.1 μF 25V
C50	YWRVS1C470M	Electrolytic	47 μF 16V	C99	YGM1C330J1HT	Ceramic	33 pF 50V
C51	YWRVJ1C101M	Electrolytic	100 μF 16V				
				C100	YGM1F104Z1ET	Ceramic	0.1 μ <b>F</b> 25V
C52	YGM1F104Z1ET	Ceramic	0.1 μ F 25V	C101	YWRVJ1C101M	Electrolytic	100 μF 16V
C53	YW5CH680J5VT	Ceramic	68 pF	C102	YWRVS1C220M	Electrolytic	22 μF 16V
C54	YW5CH470J5VT	Ceramic	47 pF	C103	YWSK1C105KRA	Tantalum	1 μF 16V
C55	YW5X103K5VT	Ceramic	0.01 μF	C104	YWRVJ1C221M	Electrolytic	220 μF 16V
C56	YW5CH102J5VT	Ceramic	1000 pF				
				C105	YWRVS1C220M	Electrolytic	22 µF 16V
C57	YWRVS1E4R7M	Electrolytic	4.7 µ F 25V	C106	YWRVS1C470M	Electrolytic	47 µF 16V
C58	YWRVS1C470M	Electrolytic	47 μ <b>F</b> 16V	C107	YWRVP1E4R7M	Electrolytic	4.7 μF 25V
C59	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C108	YWRVS1C100M	Electrolytic	10 μF 16V
C60	YW5X103K5VT	Ceramic	0.01 μF	C109	YGM1C330J1HT	Ceramic	33 pF 50V
C61	YWRVS1E4R7M	Electrolytic	4.7 µ F 25V				
				C112	YWRVS1C100M	Electrolytic	10 μ F 16V
C62	YW5CH221J5VT	Ceramic	220 pF	C113	YGM1F104Z1ET	Ceramic	0.1 μF 25V
C63	YW5X152K5VT	Ceramic	1500 pF	C114	YWRVS1C100M	Electrolytic	10 μF 16V
C64	YW5X153K2VT	Ceramic	0.015 μ F	C115	YWSK1C105KRA	Tantalum	1 μF 16V
C65	YWRVS1E4R7M	Ceramic	4.7 μ F 25V	C116	YWRVS1C100M	Electrolytic	10 μF 16V
C66	YW5X103K5VT	Ceramic	0.01 μF				
			•	C117	YWRVS1C470M	Electrolytic	47 μF 16V
C67	YWRVS1C470M	Electrolytic	47 μF 16V	C118	YWRVJ1C101M	Electrolytic	100 μF 16V
C68-70	YW5X103K5VT	Ceramic	0.01 μF	C119	YW5CH200J5VT	Ceramic	20 pF
C71	YWRVS1HR47M	Electrolytic	0.47 μF 50V	C120	YW5CH270J5VT	Ceramic	27 pF
C72	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C121	YW5CH101J5VT	Ceramic	100 pF
C73	YWRVS1E4R7M	Electrolytic	4.7 μ F 25V				•
				C123	YW5CH040D5VT	Ceramic	4 pF
C74	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C124	YWRVS1C100M	Electrolytic	10 μ F16V
C75	YGM1C330J1HT	Ceramic	33 pF 50V	C125-127	YGM1F104Z1ET	Ceramic	0.1 μF 25V
		for AW-RP50	1/USA/Canada	C128,130	YWRVS1C100M	Electrolytic	10 µ F16V
	YW5CH101J5VT	Ceramic	100 pF	C131	YWRVS1C470M	Electrolytic	47 μF 16V
		for AW-RP50	1/B/G				
				C132	YWRVS1C220M	Electrolytic	22 µF 16V
C76	YW5CH620J5VT	Ceramic	62 pF	C133	YW5CH100J5VT	Ceramic	10 pF
		for AW-RP50	1/USA/Canada	C134,135	YWRVS1C220M	Electrolytic	22 µF 16V
	YW5CH101J5VT	Ceramic	100 pF	C136	5F224Z1VT	Ceramic	0.22 μF
		for AW-RP50	1/B/G	C137	RVJ1C221M	Electrolytic	220 µF 16V
C77	YGM1C330J1HT	Ceramic	33 pF 50V	1			,
		for AW-RP50	1/USA/Canada	C138	YWRVS1C220M	Electrolytic	22 μF 16V
				C142	YGM1F104Z1ET	Ceramic	0.1 μ F 25V
	YW5CH101J5VT	Ceramic	100 pF	C143	YWRVS1C470M	Electrolytic	47 μF 16V
		for AW-RP50		C144	YGM1F104Z1ET	Ceramic	0.1 μ F 25V
C78	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C145,146	YWRVS1C470M	Electrolytic	47 μ <b>F</b> 16V
C79,80	YW5X103K5VT	Ceramic	0.01 μF				•
			•	C147	YWRVS1C220M	Electrolytic	22 μF 16V
C81,82	YGM1F104Z1ET	Ceramic	0.1 µF 25V	C501-527	YGM1F104Z1ET	Ceramic	0.1 μ F 25V
C85	YWRVS1C100M	Electrolytic	10 μF 16V	C528	YWRVS0J220M	Electrolytic	22 µF 6.3V
C86	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C529-532	YGM1F104Z1ET	Ceramic	25 V 0.1UF
C87	YWRVP1HR47M	Electrolytic	0.47 µF 50V	C533,534	YWCH220J5VT	Ceramic	22 pF
C88	YW5CH620J5VT	Ceramic	62 pF				r.
		i	1/USA/Canada			. [	
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REF. NO.	PART NO.	DESC	RIPTION	REF. NO.	PART NO.	DESCRIPTION
C535	YGM1F105Z1AT	Ceramic	1 μF 10V	FL3	YWCY4T139	Filter
C536	YWSK51A106MA	Tantalum	10 μF 10V	FL4	CSB503F2	Filter
C537-540	YGM1F104Z1ET	Ceramic	0.1 μF 25V	FL501	YWZJK5103-05	Noise Filter
	Į.			E1	YWCP501YC01B	Wire
C541	YWSK41C475KA	Tantalum	4.7 µF 16V	= '	TWCPSUTTCUTE	VVIIE
C542-544	YGM1F104Z1ET	Ceramic	0.1 μF 25V		MMODEO4VCOOD	Wire
05.15.540	VANOROL DOOF ND A	Tambalana	0.0	E2	YWCP501YC02B	vvire
C545,546	YWSK31D225MRA	Tantalum	2.2 µF 20V			
C547	YWSK41C106MB	Tantalum	10 µF 16V			
C548-550	YGM1F104Z1ET	Ceramic	0.1 μF 25V			
C551,552	YWRVS1C100M	Electrolytic	10 µ F 16V			
C558,559	YGM1F104Z1ET	Ceramic	0.1 μF 25V			
C564	YGM1F104Z1ET	Ceramic	0.1 μF 25V			
C565	YWSK41C475KA	Tantalum	4.7 µF 16V			
C566	YWSK41C106MB	Tantalum	10 μF 16V			
C567	YW5CH101J5VT	Ceramic	100 pF			
C568	YWSK41C106MB	Tantalum	10 μF 16V			
C570	YW5CH470J5VT	Ceramic	47 pF			
C571,572	YGM1F104Z1ET	Ceramic	0.1 μF 25V			
C575-579	YGM1F104Z1ET	Ceramic	0.1 μF 25V		1	
C593	YGM1F104Z1ET	Ceramic	0.1 μF 25V			· ·
C594-597	YW5CH101J5VT	Ceramic	100 pF			
0001001		o o o o o o o o o o o o o o o o o o o				
X503	AXS628129P	IC Socket				
L1-4	YWNL321100J	Coil	10 μH			
L1-4	1111120211000	for AW-RP501/U	•			
L1,4	YWNL321100J	Coil	10 μH		SW/CV	M BOARD
L1,4	1 VVINL32 1 1003	for AW-RP501/8			SWICA	W DOARD
		IOI AVV-NESO 1/1	5/G		1	
L6,7	YWNL321100J	Coil	10 µH	PCB2 (RTL)	YWWRP51JKZ1A	Printed Circuit Board Assy
L8-10	YWNL321390J	Coil	39 μH	U1	NJM2904M	IC
		Coil		U6-8	YWMC14051BF	IC
L11	YWNL321150J	l l	15 μH	U9	NJM2902M	IC .
P1	YW53261-0890	8-pin Connector		11	1	
P2	YW53261-1490	14-pin Connector		U10	NJM2904M	IC
P601						1,0
	AMEDOCA OCOO	C nin Connector			I VMMCZAHCSSAE	
1	YW53261-0690	6-pin Connector		U11	YWMC74HC32AF	IC IC
P603	YW53261-0790	7-pin Connector		U12	MC74HC125AF	IC
P603 P604	YW53261-0790 YW53261-1190	7-pin Connector 11-pin Connector		U12 U13	MC74HC125AF YWYMC14050BF	IC IC
P603	YW53261-0790	7-pin Connector		U12 U13 U14	MC74HC125AF YWYMC14050BF YWNJM4556AM	IC IC IC
P603 P604	YW53261-0790 YW53261-1190	7-pin Connector 11-pin Connector		U12 U13	MC74HC125AF YWYMC14050BF	IC IC
P603 P604 P605 P606	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector		U12 U13 U14 U15	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF	IC IC IC IC
P603 P604 P605 P606	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector		U12 U13 U14 U15	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M	IC IC IC
P603 P604 P605 P606	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector		U12 U13 U14 U15 U16,17 U18	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M	IC IC IC IC
P603 P604 P605 P606	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector		U12 U13 U14 U15	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M	IC IC IC
P603 P604 P605 P606 P607 P608	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector	14.3 MHz	U12 U13 U14 U15 U16,17 U18	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M	IC IC IC IC
P603 P604 P605 P606 P607 P608 P611	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector		U12 U13 U14 U15 U16,17 U18 U19	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS	IC IC IC IC IC IC
P603 P604 P605 P606 P607 P608 P611	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/		U12 U13 U14 U15 U16,17 U18 U19 U20 U21	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF	IC
P603 P604 P605 P606 P607 P608 P611	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/	USA/Canada 17.7 MHz	U12 U13 U14 U15 U16,17 U18 U19 U20 U21	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP	IC
P603 P604 P605 P606 P607 P608 P611	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790 YWUM14318VCO	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/	USA/Canada 17.7 MHz	U12 U13 U14 U15 U16,17 U18 U19 U20 U21	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF	IC I
P603 P604 P605 P606 P607 P608 P611	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790 YWUM14318VCO	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/	USA/Canada 17.7 MHz	U12 U13 U14 U15 U16,17 U18 U19 U20 U21	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP	IC
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790 YWUM14318VCO	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/	USA/Canada 17.7 MHz B/G	U12 U13 U14 U15 U16,17 U18 U19 U20 U21	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS	IC I
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790 YWUM14318VCO YWUM17734VCO	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/ Crystal Oscillator for AW-RP501/ Crystal Oscillator	USA/Canada 17.7 MHz B/G 20 MHz	U12 U13 U14 U15 U16,17 U18 U19 U20 U21 U22 Q1-3 Q4	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS 2SB1218QRS	IC Transistor Transistor
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790 YWUM14318VCO YWUM17734VCO	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/ Crystal Oscillator for AW-RP501/ Crystal Oscillator Filter	USA/Canada 17.7 MHz B/G 20 MHz	U12 U13 U14 U15 U16,17 U18 U19 U20 U21 U22 Q1-3 Q4 Q6,7	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS 2SB1218QRS 2SD1819QRS	IC Transistor Transistor Transistor
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-1490 YW53261-0790 YWUM14318VCO YWUM17734VCO	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/ Crystal Oscillator for AW-RP501/ Crystal Oscillator Filter	USA/Canada 17.7 MHz B/G 20 MHz	U12 U13 U14 U15 U16,17 U18 U19 U20 U21 U22 Q1-3 Q4 Q6,7	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS 2SB1218QRS 2SD1819QRS	IC Transistor Transistor Transistor
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-0790 YWUM14318VCO YWUM17734VCO YWAT5120MHZ YWCY4T140	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/ Crystal Oscillator Filter for AW-RP501/	USA/Canada 17.7 MHz B/G 20 MHz USA/Canada	U12 U13 U14 U15 U16,17 U18 U19 U20 U21 U22 Q1-3 Q4 Q6,7 Q8	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS 2SB1218QRS 2SD1819QRS 2SB1219QRS	IC IC IC IC IC IC IC IC IC Transistor Transistor Transistor Transistor
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-0790 YWUM14318VCO YWUM17734VCO YWAT5120MHZ YWCY4T140	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/ Crystal Oscillator Filter for AW-RP501/ Filter	USA/Canada 17.7 MHz B/G 20 MHz USA/Canada	U12 U13 U14 U15 U16,17 U18 U19 U20 U21 U22 Q1-3 Q4 Q6,7 Q8	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS 2SB1218QRS 2SD1819QRS 2SD1819QRS 2SD1819QRS	IC Transistor Transistor Transistor Transistor Transistor
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-0790 YW53261-0790 YWUM14318VCO YWUM17734VCO YWAT5120MHZ YWCY4T140	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/ Crystal Oscillator for AW-RP501/ Filter for AW-RP501/ Filter for AW-RP501/ Filter	USA/Canada 17.7 MHz B/G 20 MHz USA/Canada	U12 U13 U14 U15 U16,17 U18 U19 U20 U21 U22 Q1-3 Q4 Q6,7 Q8	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS 2SB1218QRS 2SB1219QRS 2SB1219QRS 2SB1219QRS 2SB1218QRS 2SB1218QRS	IC Transistor Transistor Transistor Transistor Transistor
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-0790 YW53261-0790 YWUM14318VCO YWUM17734VCO YWAT5120MHZ YWCY4T140 YWCY4T139 YWCY4T138	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/ Crystal Oscillator for AW-RP501/ Filter for AW-RP501/ Filter for AW-RP501/ Filter for AW-RP501/	USA/Canada 17.7 MHz B/G 20 MHz USA/Canada	U12 U13 U14 U15 U16,17 U18 U19 U20 U21 U22 Q1-3 Q4 Q6,7 Q8 Q9 Q11 D1	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS 2SB1218QRS 2SD1819QRS 2SB1219QRS  2SD1819QRS 2SB1218QRS MA142K YWERB83004	IC Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor
P603 P604 P605 P606 P607 P608 P611 Y1	YW53261-0790 YW53261-1190 YW53261-1490 53261-1590 YW53261-1390 YW53261-0790 YW53261-0790 YWUM14318VCO YWUM17734VCO YWAT5120MHZ YWCY4T140	7-pin Connector 11-pin Connector 14-pin Connector 15-pin Connector 13-pin Connector 14-pin Connector 7-pin Connector Crystal Oscillator for AW-RP501/ Crystal Oscillator for AW-RP501/ Filter for AW-RP501/ Filter for AW-RP501/ Filter	USA/Canada 17.7 MHz B/G 20 MHz USA/Canada /B/G	U12 U13 U14 U15 U16,17 U18 U19 U20 U21 U22 Q1-3 Q4 Q6,7 Q8	MC74HC125AF YWYMC14050BF YWNJM4556AM MC74HC132AF  NJM2903M NJM2904M TL092CPS MN18888CUL YWMC14051BF  YWM51957BFP 2SB1218QRS 2SB1218QRS 2SB1219QRS 2SB1219QRS 2SB1218QRS 2SB1218QRS ASB1218QRS	IC Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode Diode

REF. NO.	PART NO.	PART NO. DESCRIPTION		REF. NO.	PART NO.	DESCRIPTION	
D4	YWERB83004	Diode		R75	ERJ3GEYJ682	Carbon	6.8K ohms 1/16W
D5,6	MA143	Diode		R76	ERJ3GEYJ103	Carbon	10K ohms 1/16W
D7	MA142K	Diode		R77	ERJ3GEYJ203	Carbon	20K ohms 1/16W
D8	LN238RPH	LED	•	R78	ERJ3GEYJ471		
D9,11	LN338GPH	LED		R79,80	ERJ3GEYJ471 ERJ3GEYJ153	Carbon Carbon	470 ohms 1/16W 15K ohms 1/16W
50,17	ENOCOGITI			1179,00	En030E10133	Carbon	TON OHITIS 1/ TOW
D12	MA142K	Diode		R81	ERJ3GEYJ471	Carbon	470 ohms 1/16W
D13	MA143	Diode		R82	ERJ3GEYJ682	Carbon	6.8K ohms 1/16W
D14	MA142K	Diode		R83	ERJ3GEYJ103	Carbon	10K ohms 1/16W
D15	MA165	Diode		R84	ERJ3GEYJ203	Carbon	20K ohms 1/16W
017,20	LN238RPH	LED		R85,87	ERJ3GEYJ103	Carbon	10K ohms 1/16W
₹1	ERJ3GEYJ911	Carbon	010 ohmo 1/16\M	   R90	ED IOCEVODOS	O salta sa	0 -1 4/4034/
	1	1	910 ohms 1/16W	1 1	ERJ3GEY0R00	Carbon	0 ohm 1/16W
32	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R91	ERJ3GEYJ473	Carbon	47K ohms 1/16W
33	ERJ3GEYJ303	Carbon	30K ohms 1/16W	R92	ERJ3GEYJ101	Carbon	100 ohms 1/16W
R4	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R95	ERJ3GEYJ473	Carbon	47K ohms 1/16W
₹5	ERJ3GEYJ181	Carbon	180 ohms 1/16W	R96	ERJ3RHD202	Metal	2K ohms 1/16W
36	ERJ3GEYJ203	Carbon	20K ohms 1/16W	R97	ERJ3RHD472	   Metal	4.7K ohms 1/16W
77	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R98	ERJ3GEYJ510	Carbon	51 ohms 1/16W
., 38	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R99		1	
39	R9L11420K2	Variable Resistor		11	ERJ3GEYJ473	Carbon	47K ohms 1/16W
19 R10			20K ohms	R100 ·	ERJ3GEY0R00	Carbon	0 ohm 1/16W
110	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R101	ERJ3GEYJ473	Carbon	47K ohms 1/16W
111-20	ERJ3GEYJ470	Carbon	47 ohms 1/16W	R102,103	ERJ3GEYJ221	Carbon	220 ohms 1/16W
21,22	ERJ3GEYJ621	Carbon	620 ohms 1/16W	R106	ERJ3GEYJ102	Carbon	1K ohms 1/16W
23,24	ERJ3GEYJ331	Carbon	330 ohms 1/16W	R107	ERJ3GEYJ104	Carbon	100K ohms 1/16V
25-34	ERJ3GEYJ470	Carbon	47 ohms 1/16W	R108	ERJ3GEYJ101	Carbon	100 ohms 1/16W
R45,46	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R109	ERJ3GEYJ473	Carbon	47K ohms 1/16W
R47	ERJ3GEYJ273	Carbon	07K ahma 4/40M	D110	ED 100E// 1004	Out on	000 15 11 4400
R48	ERJ3GEYJ153	Carbon	27K ohms 1/16W	R110	ERJ3GEYJ391	Carbon	390 ohms 1/16W
- 1			15K ohms 1/16W	R111	ERJ3GEYJ911	Carbon	910 ohms 1/16W
₹49	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R112-117	ERJ3GEYJ331	Carbon	330 ohms 1/16W
R50	RK9D11320K	Variable Resistor	20K ohms	R118	ERJ3GEYJ102	Carbon	1K ohms 1/16W
151	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R119-122	ERJ3GEYJ104	Carbon	100K ohms 1/16W
152	ERJ3GEYJ104	Carbon	100K ohms 1/16W	R123	ERJ3RHD103	Metal	10K ohms 1/16W
353	ERJ3GEYJ473	Carbon	47K ohms 1/16W	R124	ERJ3RHD303	Metal	30K ohms 1/16W
R54	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R125	ERJ3RHD103	Metal	10K ohms 1/16W
155	ERJ3GEYJ104	Carbon	100K ohms 1/16W	R128,129	1		
56,57	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R130	ERJ3GEY0R00 EXBLD8503G	Carbon Block Resistor	0 ohm 1/16W 50K ohms 1/16W
,					LABEBOOOG	Diock / leaister	2014 0111113 11 1044
58	ERJ3GEYJ471	Carbon	470 ohms 1/16W	R131	ERJ3GEYJ101	Carbon	100 ohms 1/16W
159	ERJ3GEYJ473	Carbon	47K ohms 1/16W	R135	ERJ3GEYJ153	Carbon	15K ohms 1/16W
160	ERJ3GEYJ471	Carbon	470 ohms 1/16W	R136	YWRK9D11320K	Variable Resistor	20K ohms
161 · ]	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R137	ERJ3GEYJ153	Carbon	15K ohms 1/16W
162	ERJ3GEYJ473	Carbon	47K ohms 1/16W	R138	ERJ3GEYJ203	Carbon	20K ohms 1/16W
63	ERJ3GEYJ153	Carbon	151/ oh 4/40181	D400	MADICODA ACCOLO	V-3-11 5	0016
163		Carbon	15K ohms 1/16W	R139	YWRK9D11320K	Variable Resistor	20K ohms
164	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R140	ERJ3GEYJ562	Carbon	5.6K ohms 1/16W
165	YWRK9D11320K	Variable Resistor	20K ohms	R141-143	ERJ3GEYJ102	Carbon	1K ohms 1/16W
66,67	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R144	ERJ3GEYJ272	Carbon	2.7K ohms 1/16W
68	YWRK9D11310K	Variable Resistor	10K	R145	ERJ3RHD104	Metal	100K ohms 1/16V
69	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R146	ERJ3RHD302	Metal	3K ohms 1/16W
70	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R147	ERJ3RHD473	Metal	47K ohms 1/16W
71	ERJ3GEYJ471	Carbon	470 ohms 1/16W		1 '		
72,73				R148	ERJ3RHD302	Metal	3K ohms 1/16W
	ERJ3GEYJ153 ERJ3GEYJ471	Carbon	15K ohms 1/16W	R149	ERJ3RHD473	Metal	47K ohms 1/16W
74	ER 1364EV 1/1/1	Carbon	470 ohms 1/16W	R150	ERJ3RHD104	Metal	100K ohms 1/16V

REF. NO.	PART NO.	DES	SCRIPTION	REF. NO.	PART NO.	DES	CRIPTION
R151-160	ERJ3GEYJ102	Carbon	1K ohms 1/16W	C31	YGM1F104Z1ET	Ceramic	0.1 μ <b>F</b> 25V
R161-167	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C32	YWRVS1H1R0M	Electrolytic	1 μ F 50V
R168-171	ERJ3GEYJ272	Carbon	2.7K ohms 1/16W	C33,34	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R172	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C35	YWRVS0J470M	Electrolytic	47 µ F 6.3V
R172	ERJ3GEYJ273	Carbon	27K ohms 1/16W	C36	YGM1F104Z1ET	Ceramic	0.1 μF 25V
1173	LINGGETUZIO	Carbon	271 Olillo 171011		10.11117012121	00.4	P1
R175,176	ERJ3GEYJ102	Carbon	1K ohms 1/16W	C37-39	RVS0J470M	Electrolytic	47 µ F 6.3V
R177-180	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C40,41	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R181,182	ERJ3RHD104	Metal	100K ohms 1/16W	C42-44	YW5CH101J5VT	Ceramic	100 pF
R183	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	C45	YWRVS1C470M	Electrolytic	47 μ <b>F</b> 16V
R184	ERJ3GEYJ273	Carbon	27K ohms 1/16W	C46	YWRVS0J470M	Electrolytic	47 µF 6.3V
					704501404 ISVE	0	100 pE
R185,187	ERJ3GEY0R00	Carbon	0 ohm 1/16W	C47	YW5CH101J5VT	Ceramic	100 pF
R188	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	C48	YWRVS0J101M	Electrolytic	100 μF 6.3V
?190	ERJ3GEYJ103	Carbon	10K ohms 1/16W	C49,50	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R192	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	C51	YWRVP0J470M	Electrolytic	47 µF 6.3V
R193	ERJ3RHD123	Metal	12K ohms 1/16W	C53	YW5CH101J5VT	Ceramic	100 pF
194	ERJ3RHD472	Metal	4.7K ohms 1/16W	C54	YGM1B102K1HT	Ceramic	1000 pF 50V
R194 R195	ERJ3GEYJ182	Carbon	1.8K ohms 1/16W	C55	YGM1F104Z1ET	Ceramic	0.1 μF 25V
		ł .		C56	YWRVP1A330M	Electrolytic	33 μF 10V
R196-199	ERJ3GEYJ473	Carbon	47K ohms 1/16W	l I	1	Electrolytic	47 μF 6.3V
1202	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C57,58	YWRVS0J470M	1 '	
203-205	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C59	YWRVS1C470M	Electrolytic	47 μF 16V
206	ERJ3GEYJ470	Carbon	47 ohms 1/16W	C60,61	YW5CH151J5VT	Ceramic	150 pF
207	ERJ3GEYJ272	Carbon	2.7K ohms 1/16W	C62	YWRVS0J470M	Electrolytic	47 µF 6.3V
211	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C63	YWRVS0J101M	Electrolytic	100 μ F 6.3V
212	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C64-66	YGM1F104Z1ET	Ceramic	0.1 μF 25V
219	ERJ3GEYJ911	Carbon	910 ohms 1/16W	C67	YW5CH101J5VT	Ceramic	100 pF
	-						.= = .0./
R220	ERJ3GEY0R00	Carbon	0 ohm 1/16W	C68	YWRVS1C470M	Electrolytic	47 μF 16V
3221,222	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C69	YWRVS0J470M	Electrolytic	47 μ F 6.3V
R223	ERJ3GEY0R00	Carbon	0 ohm 1/16W	C71	YW5CH151J5VT	Ceramic	150 pF
21-3	YWRVS0J470M	Electrolytic	47 μF 6.3V	C72	YWSK41A476MC	Tantalum	47 μF 10V
C4	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C73	YGM1F104Z1ET	Ceramic	0.1 μF 25V
	\(\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\text{U}\)\(\t	El control de	47 5.00/	C74.75	SK41A476MC	Tantalum	47 μF 10V
C5,6	YWRVS0J470M	Electrolytic	47 μF 6.3V	11 ' '	YGM1F104Z1ET	Ceramic	0.1 μF 25V
7	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C76		1	•
28	YWRVS1H1R0M	Electrolytic	1 μF 50V	C77	YWRVJ1C221M	Electrolytic	220 μF 16V
09,10	YWRVS0J470M	Electrolytic	47 µ F 6.3V	C78	YGM1F104Z1ET	Ceramic	0.1 μF 25V
211	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C79	YWRVS1H1R0M	Electrolytic	1 μF 50V
C12	YWRVS0J101M	Electrolytic	100 μF 6.3V	C81	YGM1C330J1HT	Ceramic	33 pF 50V
712	YWRVJ1C101M	Electrolytic	100 μF 16V	C82	YWRVS1C470M	Electrolytic	47 μF 16V
C14	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C85,86	YGM1F104Z1ET	Ceramic	0.1 μF 25V
)14 )15	YWRVJ1C101M	Electrolytic	100 μF 16V	C87	YWSK1V104KRA	Tantalum	0.1 μF 35V
16 16	YWRVJ1E101M	Electrolytic	100 μF 25V	C88-90	YWRVS0J470M	Electrolytic	47 μF 6.3V
-		,					
17	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C91	YWRVS1H1R0M	Electrolytic	1 μ F 50V
C18	YWRVS0J101M	Electrolytic	100 μ F 6.3V	C92	YWRVJ1C221M	Electrolytic	220 μF 16V
C19	YWRVJ1C101M	Electrolytic	100 μF 16V	C93	SK31C476MRD0	Tantalum	47 μF 16V
C20	YGM1F104Z1ET	Ceramic	0.1 μF 25V	L1-3	YWNL32100J	Coil	10 μΗ
221	SK31C476MRD0	Tantalum	47 μF 16V	L4	YWNL321R0J	Coil	1.0 µH
C22	VMDV HE101M	Electrolytic	100 μ F 25V	SF1	YWSSFC2AT4	Current Fuse	2A
	YWRVJ1E101M	1 '	•	11 .	1	Resonator	
C23-25	YGM1F104Z1ET	Ceramic	0.1 μF 25V	Y1	EFOGC8004A4		
C26	YWRVS1H1R0M	Electrolytic	1 μF 50V	S1-8	SSSF022P9N	Slide Switch	
C27,28	YGM1F104Z1ET	Ceramic	0.1 μF 25V	S9-13	15EL1220000	Switch	
C29,30	YWRVS1H1R0M	Electrolytic	1 μF 50V	S14	13AL0600040	Switch D	
129,00	1						

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
S15 S16-20	13AL0600050 15EL1220000	Switch Y Switch		JOYSTIC	CK BOARD
S26,28 S29	YWSSSF022P9N YWSSSF023P9N	Slide Switch Slide Switch	PCB4 (RTL)	YWWRP51JKY1A	Printed Circuit Board Assy Variable Resistor 10K ohms
S31,32 S33	YWSKEVAC YWSSSF024P9N	Tact Switch Slide Switch	R1-3 R4-31 SW1-6	YWRKJXC10KB2 ERJ8GEY0R00 SSSS22211	Variable Resistor 10K ohms Carbon 0 ohm 1/16W Slide Switch
S34 S35	YWSSSF023P9N S2150	Slide Switch Rotary Switch	P1	YW53254-0710	Connector
S36 S37-39	YWSSSB022P6N 13AL0600000	Slide Switch Switch			
S40 P1	YWSSSF022P6N YWCP501SW01A	Slide Switch Wire			
P2 P101 P102	YWCP501SW02A YWCP501SW03A YWCP501SW04A	Wire Wire Wire		ACCESSARY PART	S/PACKAGING PARTS
P103	YW53254-0210	Connector	M30	YWT050803	Polyethylene Bag
P104 P105 P106	YWCP501SW05A YWCP501SW06A YWCP501SW07A	Wire Wire Wire	M38 M35	YWT20X25C03 YWV22XPRB99S	Polyethylene Bag Service Center List for AW-RP501/USA/Canada
P107	YWCP501SW08A	Wire	M31	YW1B1A466A	Joint Angle
P108 E1 E2	YW53261-0890 YWL3071A02A5 YWCP501SW09A	Connector Cable Wire	M32 M33 M34 △△	YW7G1A653A YWPE26X40C05 YW7J1A077A	Label Polyethylene Bag Operating Instructions for
M11	YWLH57	Spacer	     M37	YW7J1A078A YWA5PA0074A3	AW-RP501/USA/Canada Operating Instructions for AW-RP501B/G Rack Angle
			M39 M40	XZB35X50C05 YW0C1A009AA	Polyethylene Bag Packaging Ass'y
			M41 M42	YWV8FA0070A4 YWV8FA0137A4	Packaging Label Packaging Label for AW-RP501/USA/Canada
				YWV8FA0140A4	Packaging Label for AW-RP501B/G
	REAR	BOARD			
PCB3 (RTL) R1,2	YWWRP51JKY2A ERDS2TJ750	Printed Circuit Board Assy Carbon 75 ohms 1/4W			
R3,4 R6-8	EROS2CKF75R0 ERDS2TJ750	Metal         75 ohms 1/4W           Carbon         75 ohms 1/4W			
C1-8	ECKF1E103ZV	Ceramic 0.01 µ F 25V			
C9-16 P1	400103XKT ML40S1CX2P	Ceramic 0.01 μF			
P2	285D9880J101	Jack			
P3 P5	YWM1824 YWM0092	Connector 8-pin DIN Connector			
P6 P7	YWP2324B YWP2243	BNC Connector Connector			
P101	YWCP501RE01A	Wire			
P102 P103	YWCP501RE02A YWCP501RE03A	Wire Wire	 		
P105	YWCP501RE04A	Wire			
			] [	L	

REF. NO.	PART NO. DESCRIPTION		REF. NO.	PART NO.	DESCRIPTION
	A۱	V-RP505		MAI	N BOARD
	MISCE	ELLANEOUS	PCB1 (RTL)	YWWRP55JKZ2A	Printed Circuit Board Assy
			U13	YWNJM2267M	IC
			U501,502	MC74HC240AF	IC
U101	YWNJM7809FA	IC	U504	YWHM6264BLFP	IC
U102	YWNJM7805FA	IC .	U505	KL5C8012CFP	IC
U103	YWNJM7809FA	IC			
U104	YWNJM7805FA	IC	U506	SN74LS04NS	IC .
J105	HN27C256AFP	Memory Device (ROM)	U507	MC74HC244AF	IC
			U508	SN74LS04NS	IC
J101	HEC075701003	DC Jack	U509	YWTD62083F	IC
CN101	YWM0092	8-pin DIN Connector	U510	YWTL7705CPS	IC .
CN102	AXS62822	IC Socket Guide			*
E101	ML40S1CXS6P	6-pin Terminal	U512	YWTD62083F	IC
E102	YWCP501CP01B	Wire	U513	YWSN75179BPS	IC
			U514	MC74HC4051F	IC
E103	YWCP501CP02B	Wire	U515	YWADS7806U	IC
E104	YWCP501CP03B	Wire	U516	NJM2904M	IC
<b>≘105</b>	YWCP501CP03B	Wire		+	
<b>Ξ106</b>	YWCP501CP04B	Wire	U517	PTFPGA1	l ic
<b>V</b> 11	YW1B1A465A	Joystick Angle	U518,519	SN74ALS273NS	IC
			U520,521	YWTD62083F	IC
<b>V12</b>	YWV5RA0278A4	Joystick Knob	U522	YW78L05UATE2	IC .
<b>/</b> 13	YW2Y1A021A	Joystick Collar	U530	YWSN75179BPS	IC
<b>M</b> 4	YW5N1A022A	Joystick Cover	0300	TWORTON ODIO	
M6	YW1A1A057B	Cover	U531	TC74HC123AF	IC
M7	YW2R1A015A	Iris Knob	U532	MC74HC165F	IC
			U533	YWTD62083F	IC
M8	YWTD446MR07A	Button Guide	U534	MC74HC04AF	IC
M9	YWA6JG0016B3	Button (WHT)	1 3	2SD1819QRS	Transistor
M10	YWA6JC0017A4	Button Guide (N4)	Q43	2301019QN3	Tansistoi
M12	YW5E1A017A	Switch Cushion (A)	Q44	2SC3931-CD	Transistor
M13	YW5E1A018A	Switch Cushion (B)	11	2SD1819QRS	Transistor
		( )	Q45 D501	MA142K	Diode
M14	YWWLS160	Locking Spacer	11	ERJ3GEYJ154	Carbon 150K ohms 1/16W
M15	YW2Y1A022A	Spacer	R193		
M17	YW1A1A054A	Chassis	R194	ERJ3GEYJ104	Carbon 100K ohms 1/16W
M18	SJ-5003	Rubber Foot	Dios	ED 100EV 1000	Carbon 3.3K ohms 1/16W
M19	YW1A1A065A	Blank Panel	R195	ERJ3GEYJ332	
11110			R196	ERJ3GEYJ222	
M20	YW1A1A061A	Rear Panel	R197,198	ERJ3GEYJ332	
M21	YWV2GA0065A4	Cord Clamp	R199	ERJ3GEYJ101	
M23 🗘	YW7C1A025A	Main Label for AW-RP505/USA/Canada	R200	ERJ3GEYJ103	Carbon 10K ohms 1/16W
14150 717	YW7C1A026A	Main Label for AW-RP505/B/G	ll Boost	ED 10057/1470	Corbon 471/ ohmo 4/4014
M24 ⚠	YWV7MA0061A4	FCC Label for AW-RP505/USA/Canada	R201	ERJ3GEYJ472	Carbon 4.7K ohms 1/16W
IVICT (1)	I W V / WIAGOOTA4	1 00 East 101 AW 111 000/00/ Odilada	R202	ERJ3GEYJ750	Carbon 75 ohms 1/16W
M25 △	YWV7MA1009A4	EXT DC Label	R501-525	ERJ3GEYJ472	Carbon 4.7K ohms 1/16W
M26 🕰	YWV7MB0099A4	Screw Caution Label	R526-528	ERJ3GEYJ104	Carbon 100K ohms 1/16W
M27 🗘	YWV7MA0338A4	See Manual Label	R529	ERJ3GEYJ105	Carbon 1M ohms 1/16W
IVIC / L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Joo Manda Labor		ED 100 EV 115	100 -1 1/1014
			R530	ERJ3GEYJ101	Carbon 100 ohms 1/16W
	1		R531	ERJ3GEYJ104	Carbon 100K ohms 1/16V
	1		R532	ERJ3GEYJ222	Carbon 2.2K ohms 1/16V
			R533	ERJ3GEYJ101	Carbon 100 ohms 1/16W
			R534	ERJ3GEYJ201	Carbon 200 ohms 1/16W

REF. NO.	PART NO.	DESC	CRIPTION	REF. NO.	PART NO.	DESCRIPTION
R535	ERJ3GEYJ333	Carbon	33K ohms 1/16W	P603	YW53261-0790	7-pin Connector
R547	ERJ3GEYJ201	Carbon	200 ohms 1/16W	P604	YW53261-1190	11-pin Connector
R548-562	ERJ3GEYJ201	Carbon	200 ohms 1/16W	P605	YW53261-1490	14-pin Connector
R563	ERJ3GEY0R00	Carbon	0 ohm 1/16W	P606	YW53261-1590	1 *
R564	ERJ3GEYJ201	Carbon		11		15-pin Connector
N304	ENJOGETUZUT	Carbon	200 ohms 1/16W	P607	YW53261-1390	13-pin Connector
R570-589	ERJ3GEYJ201	Carbon	200 ohms 1/16W	P608	YW53261-1490	14-pin
R590-612	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	P611	YW53261-0790	7-pin Connector
R613-630	ERJ3GEYJ201	Carbon	200 ohms 1/16W	Y501	YWAT5120MHZ	Crystal Oscillator 20 MHz
R631	ERJ3GEYJ273	Carbon	27K ohms 1/16W	FL501	YWZJK5103-05	Noise Filter
R632,633	ERJ3GEY0R00	Carbon	0 ohm 1/16W	E1	YWCP501YC01B	Wire
R634	ERJ3GEYJ201	Carbon	200 ohms 1/16W	E2	YWCP501YC02B	Wire
R646.647	ERJ3GEYJ203	Carbon	20K ohms 1/16W	52	1 WCF3011C02B	vvire
R648-652				]]		
	ERJ3GEYJ473	Carbon	47K ohms 1/16W			
R653,654	ERJ3GEYJ201	Carbon	200 ohms 1/16W			
R655,656	ERJ3GEYJ680	Carbon	68 ohms 1/16W			
R657	ERJ3GEY0R00	Carbon	0 ohm 1/16W			
R901-903	ERJ6GEY0R00	Carbon	0 ohm 1/10W			
C131	YWRVS1C470M	Electrolytic	47 μF 16V	11		
C132	YWRVS1C220M	Electrolytic	22 μF 16V			
C133	YW5CH100J5VB	Ceramic	10 pF			
C134,135	YWRVS1C220M	Electrolytic	22 µF 16V	11 -		·
C136	YW5F224Z1VB	Ceramic	0.22 μF			
C137	YWRVJ1C221M	Electrolytic	220 µF 16V		<u> </u>	
C138	YWRVS1C220M	Electrolytic	22 µF 16V		SW/CAI	M BOARD
C501-527	YGM1F104Z1ET	Ceramic	0.1 μF 25V		,	
C528	YWRVS0J220M	Electrolytic	22 μF 6.3V	PCB2 (RTL)	YWWRP55JKZ2A	Printed Circuit Board Assy
C529-532	YGM1F104Z1ET	Ceramic	0.1 μF 25V	U1	NJM2904M	IC
C533,534	YW5CH220J5VB	Ceramic	22 pF	U6-8	YWMC14051BF	lic
C535	YGM1F105Z1AT	Ceramic	1 μF 10V	U9	NJM2902M	
C536	YWSK51A106MA	Tantalum	•	U10		IC
0000	TWORSTATOONIA	Tarkalum	10 μF 10V	010	NJM2904M	IC
C537-540	YGM1F104Z1ET	Ceramic	0.1 μF 25V	U11	YWMC74HC32AF	IC
C541	YWSK41C475KA	Tantalum	4.7 μF 16V	U12	MC74HC125AF	lic .
C542-544	YGM1F104Z1ET	Ceramic	0.1 μF 25V	U13	YWYMC14050BF	lc ·
C545,546	YWSK31D225MRA	Tantalum	2.2 μF 20V	U14	YWNJM4556AM	ic
C547	YWSK41C106MB	Tantalum	10 μF 16V	U15	MC74HC132AF	ic
C548-550	VOM15104715T	Commis	0.4 5.0517			
C548-550 C551,552	YGM1F104Z1ET	Ceramic Electrolytic	0.1 μF 25V	U16,17	NJM2903M	IC
	YWRVS1C100M	1	10 μF 16V	U18	NJM2904M	l ic
C558-560	YGM1F104Z1ET	Ceramic	0.1 μF 25V	U20	MN18888CUL	IC .
C565	YWSK41C475KA	Tantalum	4.7 μF 16V	U21	YWMC14051BF	IC
C566	YWSK41C106MB	Tantalum	10 μF 16V	U22	YWM51957BFP	IC
C567	YW5CH101J5VT	Ceramic	100 pF	    Q1	2SB1218QRS	Transistor
C568	YWSK41C106MB	Tantalum	10 μF 16V	Q2,3	2SD1819QRS	Transistor
C570	YW5CH470J5VT	ºfi∑∫>√fi>ª	47 pF	Q4,5	2SB1218QRS	Transistor
C571-573	YGM1F104Z1ET	Ceramic	47 μF 25V	Q4,5 Q6,7		
C574	YW5X103K5VT	Ceramic	•	1 1	2SD1819QRS	Transistor
00/7	1 AAOV LOOKOA L	Ceramic	0.01 μF	Q8	2SB1219QRS	Transistor
C575-579	YGM1F104Z1ET	Ceramic	0.1 μF 25V	Q9	2SD1819QRS	Transistor
C590-593	YGM1F104Z1ET	Ceramic	0.1 μF 25V	Q10-13	2SB1218QRS	Transistor
CN101	AXS628129P	IC Socket	•	D1	MA142K	Diode
P2	YW53261-1490	14-pin Connector		D2	YWERB83004	Diode
P601	YW53261-0690	6-pin Connector		D3	MA142K	Diode
		5 5 55100101		50	WINTER	Diode
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	PART NO.	DESCRIPTION		REF. NO.	PART NO.	DESCRIPTION	
D4	ERB83004	Diode		R72,73	ERJ3GEYJ153	Carbon	15K ohms 1/16V
D5,6	MA143	Diode		R74	ERJ3GEYJ471	Carbon	470 ohms 1/16W
סל	MA142K	Diode		R75	ERJ3GEYJ682	Carbon	6.8K ohms 1/16\
D8	LN238RPH	LED		R76		Carbon	
D9,11	LN338GPH	LED		R77	ERJ3GEYJ103 ERJ3GEYJ203	Carbon	10K ohms 1/16V 20K ohms 1/16V
50,11	Litocoaiii				ENJOGETIZUS	Carbon	ZUR OHIHS 1/10V
012	MA142K	Diode		R78	ERJ3GEYJ471	Carbon	470 ohms 1/16W
D13	MA143	Diode		R79,80	ERJ3GEYJ153	Carbon	15K ohms 1/16V
D14	MA142K	Diode		R81	ERJ3GEYJ471	Carbon	470 ohms 1/16W
D15	MA165	Diode		R82	ERJ3GEYJ682	Carbon	6.8K ohms 1/16\
D16-21	LN238RPH	LED		R83	ERJ3GEYJ103	Carbon	10K ohms 1/16V
₹1	ERJ3GEYJ911	Carbon	910 ohms 1/16W	    R84	ERJ3GEYJ203	Carbon	20K ohms 1/16V
32	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R85,87	ERJ3GEYJ103	Carbon	
73	ERJ3GEYJ303	Carbon	30K ohms 1/16W	R90	{	ł	10K ohms 1/16V
13 74		i		11	ERJ3GEY0R00	Carbon	0 ohm 1/16W
	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R91	ERJ3GEYJ473	Carbon	47K ohms 1/16V
₹5	ERJ3GEYJ181	Carbon	180 ohms 1/16W	R92	ERJ3GEYJ101	Carbon	100 ohms 1/16W
₹6	ERJ3GEYJ203	Carbon	20K ohms 1/16W	R95	ERJ3GEYJ473	Carbon	47K ohms 1/16W
R7	ERJ3GEYJ103	Carbon	10K ohms 1/16W	R96	ERJ3RHD202	Metal	2K ohms 1/16W
₹8	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R97	ERJ3RHD472	Metal	4.7K ohms 1/16V
₹9	YWR9L11420K2	Variable Resistor	20K ohms	R98	ERJ3GEYJ510	Carbon	51 ohms 1/16W
R10	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R99	ERJ3GEYJ473	Carbon	47K ohms 1/16W
11-20	ERJ3GEYJ470	Carbon	47 ohms 1/16W	R100	ERJ3GEY0R00	Carbon	0 ohm 1/16W
321,22	ERJ3GEYJ621	Carbon	620 ohms 1/16W	R101	ERJ3GEYJ473		
23,24	ERJ3GEYJ331	Carbon	330 ohms 1/16W	}		Carbon	47K ohms 1/16W
125,24	ERJ3GEYJ470	Carbon		R102,103	ERJ3GEYJ221	Carbon	220 ohms 1/16W
R35-44	ERJ3GEYJ331		47 ohms 1/16W	R106	ERJ3GEYJ102	Carbon	1K ohms 1/16W
100-44	ENUOGETUOOT	Carbon	330 ohms 1/16W	R107	ERJ3GEYJ104	Carbon	100K ohms 1/16
R45,46	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R108	ERJ3GEYJ101	Carbon	100 ohms 1/16W
147	ERJ3GEYJ273	Carbon	27K ohms 1/16W	R109	ERJ3GEYJ473	Carbon	47K ohms 1/16W
₹48	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R110	ERJ3GEYJ391	Carbon	390 ohms 1/16W
R49	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R111	ERJ3GEYJ911	Carbon	910 ohms 1/16W
R50	YWRK9D11320K	Variable Resistor	20K ohms	R112-117	ERJ3GEYJ331	Carbon	330 ohms 1/16W
151	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R118	ERJ3GEYJ102	Carbon	1K ohms 1/16W
352	ERJ3GEYJ104	Carbon	100K ohms 1/16W	R119-122		1	
R53	ERJ3GEYJ473	Carbon	47K ohms 1/16W	1	ERJ3GEYJ104	Carbon	100K ohms 1/16\
R54	ERJ3GEYJ103	Carbon		R123	ERJ3RHD103	Metal	10K ohms 1/16W
155	ERJ3GEYJ104	Carbon	10K ohms 1/16W 100K ohms 1/16W	R124 R125	ERJ3RHD303	Metal	30K ohms 1/16W
	LINOGE TO 104	Carbon	TOOK OHITIS 1/16VV	HIZO	ERJ3RHD103	Metal	10K ohms 1/16W
56,57	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R128,129	ERJ3GEY0R00	Carbon	0 ohm 1/16W
i58 j	ERJ3GEYJ471	Carbon	470 ohms 1/16W	R130	EXBLD8503G	Block Resistor	50K ohms 1/16W
159	ERJ3GEYJ473	Carbon	47K ohms 1/16W	R131	ERJ3GEYJ101	Carbon	100 ohms 1/16W
160	ERJ3GEYJ471	Carbon	470 ohms 1/16W	R132	ERJ3GEYJ473	Carbon	47K ohms 1/16W
61	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R133	ERJ3GEYJ153	Carbon	15K ohms 1/16W
62	ERJ3GEYJ473	Carbon	47K ohms 1/16W	R134	ERJ3GEYJ911	Carbon	910 ohms 1/16W
163	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R141-143	ERJ3GEYJ102	Carbon	1K ohms 1/16W
64	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R144	ERJ3GEYJ272	Carbon	2.7K ohms 1/16V
165	YWRK9D11320K	Variable Resistor	20K ohms	R145	ERJ3RHD104	Metal	100K ohms 1/16V
66	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R146	ERJ3RHD302	Metal	3K ohms 1/16W
67	ERJ3GEYJ152	Carbon	1 EV ohmo 1/10/4/	D147	ED 1001 12 420		4917 t
68	YWRK9D11310K	Į.	1.5K ohms 1/16W	R147	ERJ3RHD473	Metal	47K ohms 1/16W
		Variable Resistor	10K ohms	R148	ERJ3RHD302	Metal	3K ohms 1/16W
69	ERJ3GEYJ152	Carbon	1.5K ohms 1/16W	R149	ERJ3RHD473	Metal	47K ohms 1/16W
70	ERJ3GEYJ153	Carbon	15K ohms 1/16W	R150	ERJ3RHD104	Metal	100K ohms 1/16
71	ERJ3GEYJ471	Carbon	470 ohms 1/16W	R151-160	ERJ3GEYJ102	Carbon	1K ohms 1/16W

REF. NO.	PART NO.	DE	SCRIPTION	REF. NO.	PART NO.	DI	ESCRIPTION
R161-167	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C21	SK31C476MRD0	Tantalum	47 μF 16V
R168-171	ERJ3GEYJ272	Carbon	2.7K ohms 1/16W	C22	YWRVJ1E101M	Electrolytic	100 μF 25V
R172	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C23-25	YGM1F104Z1ET	Ceramic	•
R173	ERJ3GEYJ273	Carbon		C26	}		0.1 μF 25V
		!	27K ohms 1/16W	1	YWRVS1H1R0M	Electrolytic	1 μF 50V
R175,176	ERJ3GEYJ102	Carbon	1K ohms 1/16W	C27,28	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R177-180	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C29,30	YWRVS1H1R0M	Electrolytic	1 μF 50V
R181,182	ERJ3RHD104	Metal	100K ohms 1/16W	C31	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R183	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	C32	YWRVS1H1R0M	Electrolytic	1 μF 50V
R184	ERJ3GEYJ273	Carbon	27K ohms 1/16W	C33,34	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R185,187	ERJ3GEY0R00	Carbon	0 ohm 1/16W	C35	YWRVS0J470M	Electrolytic	47 μF 6.3V
							•
R188	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	C36	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R190	ERJ3GEYJ103	Carbon	10K ohms 1/16W	C37-39	YWRVS0J470M	Electrolytic	47 µF 6.3V
R192	ERJ3GEYJ472	Carbon	4.7K ohms 1/16W	C40,41	YGM1F104Z1ET	Ceramic	0.1 μ F 25V
R193	ERJ3RHD123	Metal	12K ohms 1/16W	C42-44	YW5CH101J5VT	Ceramic	100 pF
R194	ERJ3RHD472	Metal	4.7K ohms 1/16W	C45	YWRVS1C470M	Electrolytic	47 µF 16V
R195	ERJ3GEYJ182	Carbon	1.8K ohms 1/16W	   C46	YWRVS0J470M	Elootrolutio	47 · · E 0 0 /
R196-199	ERJ3GEYJ473	Carbon	47K ohms 1/16W	11		Electrolytic	47 μF 6.3V
	1			C47	YW5CH101J5VT	Ceramic	100 pF
R202	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C48	YWRVS0J101M	Electrolytic	100 μF 6.3V
R203-205	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C49,50	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R206	ERJ3GEYJ470	Carbon	47 ohms 1/16W	C51	YWRVP0J470M	Electrolytic	47 μF 6.3V
R207	ERJ3GEYJ272	Carbon	2.7K ohms 1/16W	C53	YW5CH101J5VT	Ceramic	100 pF
R208	ERJ3GEYJ911	Carbon	910 ohms 1/16W	C54	YGM1B102K1HT	Ćeramic	1000 pF 50V
3209	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C55	YGM1F104Z1ET	Ceramic	0.1 μF 25V
R210	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C56	YWRVP1A330M		•
R211	ERJ3GEYJ473	Carbon		11	1	Electrolytic	33 µ F 10V
N411	En330E134/3	Carbon	47K ohms 1/16W	C57,58	YWRVS0J470M	Electrolytic	47 μF 6.3V
R212	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C59	YWRVS1C470M	Electrolytic	47 µF 16V
R213	ERJ3GEYJ911	Carbon	910 ohms 1/16W	C60,61	YW5CH151J5VT	Ceramic	150 pF
R214	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C62	YWRVS0J470M	Electrolytic	47 μF 6.3V
R215	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C63	YWRVS0J101M	Electrolytic	100 µ F 6.3V
R216	ERJ3GEYJ911	Carbon	910 ohms 1/16W	C64	YGM1F104Z1ET	Ceramic	0.1 μF 25V
2017	ED IOCEV IAZO	0	47717 alama at /4 0181	007	)		
R217	ERJ3GEYJ473	Carbon	47K ohms 1/16W	C67	YW5CH101J5VT	Ceramic	100 pF
R218	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C68	YWRVS1C470M	Electrolytic	47 µF 16V
3219	ERJ3GEYJ911	Carbon	910 ohms 1/16W	C69	YWRVS0J470M	Electrolytic	47 µ F 6.3V
R221,222	ERJ3GEYJ153	Carbon	15K ohms 1/16W	C71	YW5CH151J5VT	Ceramic	150 pF
D1-3	YWRVS0J470M	Electrolytic	47 μF 6.3V	C72	YWSK41A476MC	Tantalum	47 μF 10V
C4	YGM1F104Z1ET	Ceramic	0.1 µF 25V	C73	YGM1F104Z1ET	Ceramic	0.1 to E.O.E.V
D5,6	YWRVS0J470M	Electrolytic	47 μF 6.3V	C74,75			0.1 µF 25V
23, <b>0</b> 27			•		YWSK41A476MC	Tantalum	47 µ F 10V
	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C76	YGM1F104Z1ET	Ceramic	0.1 μF 25V
C8	YWRVS1H1R0M	Electrolytic	1 μF 50V	C77	RVJ1C221M	Electrolytic	220 µF 16V
C9,10	YWRVS0J470M	Electrolytic	47 μF 6.3V	C78	YGM1F104Z1ET	Ceramic	0.1 μF 25V
C11	YGM1F104Z1ET	Ceramic	0.1 μF 25V	C79	YWRVS1H1R0M	Electrolytic	1 μ F 50V
012	YWRVS0J101M	Electrolytic	100 µF 6.3V	C81	YGM1C330J1HT	Ceramic	33 pF 50V
C13	YWRVJ1C101M	Electrolytic	100 µF 16V	C82	YWRVS1C470M	Electrolytic	47 μF 16V
C14	YGM1F104Z1ET	Ceramic	•	1		1	•
	1	1	0.1 µF 25V	C85,86	YGM1F104Z1ET	Ceramic	0.1 μF 25V
C15	YWRVJ1C101M	Electrolytic	100 μF 16V	C87	YWSK1V104KRA	Tantalum	0.1 μF 35V
216	YWRVJ1E101M	Electrolytic	100 μ <b>F</b> 25 <b>V</b>	C88-90	YWRVS0J470M	Electrolytic	47 µ F 6.3V
C17	YGM1F104Z1ET	Ceramic	0.1 μ F 25V	C91	YWRVS1H1R0M	Electrolytic	1 μF 50V
218	YWRVS0J101M	Electrolytic	100 μF 6.3V	C92	YWRVJ1C221M	Electrolytic	220 μF 16V
C19	RVJ1C101M	Electrolytic	100 μF 16V	C93	SK31C476MRD0	Tantalum	47 μF 16V
C20	YGM1F104Z1ET	Ceramic	0.1 μF 25V	L1-3	YWNL32100J	Coil	47 με 16V 10 μH
			p'			00	ισμιι
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REF. NO.	PART NO.	DESCR	IPTION	REF. NO.	PART NO.	DESCRIPTION
L4	YWNL321R0J	Coil	1.0 μH	P7	YWP2262	BNC Connector
S1-8	SSSF022P9N	Slide Switch		P101	YWCP505RE01A	Wire
S9-13	15EL1220000	Switch		P102	YWCP505RE02A	Wire
S14	13AL0600040	Switch D		P103	YWCP505RE03A	Wire
S15	13AL0600050	Switch Y		P105	YWCP501RE04A	Wire
S16-20	15EL1220000	Switch			•	
S21-25	13AL0600000	Switch		<u> </u>		·
S26,28	SSSF022P9N	Slide Switch		<b>[</b> ]		
S29	SSSF023P9N	Slide Switch			,	<u></u>
S30	SSSF022P9N	Slide Switch			JOYSTIC	CK BOARD
S31,32	YWSKEVAC	Tact Switch				
S33	SSSF024P9N	Slide Switch		PCB4 (RTL)	YWWRP51JKY1A	Printed Circuit Board Assy
S34	SSSF023P9N	Slide Switch		R1-3	YWRKJXC10KB2	Variable Resistor 10K ohms
				R4-31	ERJ8GEY0R00	Carbon 0 ohm 1/16W
S35	YWS2150	Rotary Switch		1 1	1	1
S36	SSSB022P6N	Slide Switch		SW1-6    P1	SSSS22211 YW53254-0710	Slide Switch 7-pin Connector
S37-39	13AL0600000	Switch				•
S40	SSSF022P6N	Slide Switch				
P2	YWCP501SW02A	Wire				
P101	YWCP501SW03A	Wire				
P102	YWCP501SW04A	Wire			,	
D400	50054 0010	Connector	(1) 		-	
P103	53254-0210	Connector			ACCECCADY DADT	C/DAOKAOBIC DADTC
P104	YWCP501SW05A	Wire		} }	ACCESSARY PART	S/PACKAGING PARTS
P105	YWCP501SW06A	Wire			· · · · · · · · · · · · · · · · · · ·	T
P106	YWCP501SW07A	Wire			<u>-</u>	
P107	YWCP501SW08A	Wire		M30	YWT050803	Polyethylene Bag
1				M31	YW1B1A466A	Joint Angle
P108	53261-0890	Connector		M32	YW7G1A653A	Label
SF1	YWSSFC2AT4	Current Fuse	2A	M33	YWPE26X40C05	Polyethylene Bag
Y1	EFOGC8004A4	Resonator		M34 🗘	YW7J1A077A	Operating Instructions for
E1	YWL3071A02A5	Cable				AW-RP505/USA/Canada
E2	YWCP501SW09A	Wire				
					YW7J1A078A	Operating Instructions for AW-RP505/B/G
M11	YWLH57	Spacer	•	M35	YWV22XPRB99S	Service Center List for
						AW-RP501/USA/Canada
	•			M37	YWA5PA0074A3	Rack Angle
				M38	YWT20X25C03	Polyethylene Bag
1				M39	XZB35X50C05	Polyethylene Bag
				M40	YW0C1A009AA	Packaging Ass'y
ļ				M41	YWV8FA0137A4	Packaging Label for
				]		AW-RP501/USA/Canada
	RFAF	R BOARD			YWV8FA0140A4	Packaging Label for AW-RP505/B/G
	1 1 2000 7 1 1	· · · · · · · · · · · · · · · · · ·		M42	YWV8FA0070A4	Packaging Label
PCB3 (RTL)	YWWRP55JKY2A	Printed Circuit Board	Assy			
R1,2 ` ′	ERDS2TJ750	Carbon	75 ohms 1/4W		,	
R5	ERDS2T0	Carbon	0 ohm 1/4W	H .		
R6	ERDS2TJ750	Carbon	75 ohms 1/4W	-		
C1-8	ECKF1E103ZV	Ceramic	0.01 μF 25V			
00.00	4004002///	Committee	0.015			v
C9-20	400103XKT	Ceramic	0.01 μF			
P1	ML40S1CX6P	6-pin Terminal				
P2	285D9880J101	Jack				
ne l	YWM0092	8-pin DIN Connector				
P5				1.1	1	1
P6	YWP2324B	BNC Connector				